

Version 0.2

CODING WITH AI

BOOK FOUR

FOR AGES 9+



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Preface

Welcome to Book 8! 🚀

I'm Rehan Allahwala, and I'm excited to guide you on this journey of building real-world web and mobile applications using AI and modern development tools.

In Book 8, we will take coding to the next level by creating functional clones of popular platforms like Google Meet, WhatsApp, Instagram, and even interactive games like Tic-Tac-Toe and Pac-Man. This book is designed to challenge your creativity and problem-solving skills while equipping you with practical hands-on experience in web and mobile app development.

What You Will Learn?

- ✓ Web & App Development – Build feature-rich applications from scratch.
- ✓ Free API Integration – Use powerful free APIs to enhance your projects.
- ✓ Real-World Project Experience – Learn by developing fully functional clones.
- ✓ AI-Driven Coding – Leverage AI tools for debugging and optimization.
- ✓ Portfolio Building – Showcase your completed projects on GitHub and social media.

This book is not just about copying existing platforms; it's about understanding how these applications work and how you can improve them. By the end, you'll have a strong foundation in coding, experience with real-world APIs, and a portfolio of impressive projects.

So, let's code, create, and innovate together—your journey to mastering web and app development starts now! 🚀

Best,

Rehan Allahwala

Task Introduction

In Book 8, you'll take your coding skills to the next level by building fully functional web and mobile applications. From Google Meet and WhatsApp clones to interactive games like Pac-Man and Tic-Tac-Toe, these hands-on projects will help you gain real-world development experience.

What to Expect?

- ✓ Step-by-step guides for each project
- ✓ Free API integration for real-world functionality
- ✓ GitHub & Social Media Sharing to showcase your work



Why These Tasks?

- ✓ Learn by Doing – Develop real-world applications
- ✓ Boost Your Portfolio – Upload projects on GitHub
- ✓ Leverage AI Tools – Optimize and debug with AI
- ✓ Career & Freelancing Growth – Gain job-ready skills

Requirements for Completing Book 8

Completion Checklist

- ✓ Successfully build each app clone
- ✓ Upload projects to GitHub
- ✓ Share completed work on Facebook, Instagram, YouTube, LinkedIn
- ✓ Apply AI-powered coding tools for assistance

 Follow these requirements, complete the tasks, and level up your coding journey! 

CWI TASK : 83
SCORE:10/



GOOGLE MEET CLONE (FUNCTIONAL) – WEB-BASED

**DURATION: 1
DAY**

Objective

Develop a fully functional web-based video conferencing platform inspired by Google Meet, allowing users to host and join video meetings, chat in real-time, and share screens using free APIs.

What You'll Build

- ✓ A homepage where users can start or join meetings.
- ✓ A real-time video and audio conferencing system using free WebRTC-based APIs.
- ✓ A chat system for messaging during meetings using Socket.io.
- ✓ A screen sharing feature powered by WebRTC API.
- ✓ A meeting management system with room IDs and host controls.

Free APIs to Use in This Task

Feature	Free API	Usage
Video/Audio Calls	Jitsi Meet API (Jitsi.org)	Free video conferencing API with built-in UI. No need for WebRTC coding.
Real-Time Messaging	Socket.io (socket.io)	Free open-source real-time chat & event handling.
Screen Sharing	WebRTC API (MDN Docs)	Free browser-based API for real-time video and screen sharing.
Connection Handling	Google STUN Server (stun.stun.l.google.com:19302)	Free STUN server for WebRTC peer-to-peer connections.
Meeting Room Management	PeerJS (PeerJS.com)	Free WebRTC-based API for managing video call sessions.
User Authentication (Optional)	Firebase Auth (Firebase.google.com)	Free email & social login authentication (Google, Facebook).

CWI TASK : 83
SCORE:10/



GOOGLE MEET CLONE (FUNCTIONAL) – WEB-BASED

**DURATION: 1
DAY**

🔴 Steps to Build This Google Meet Clone

🔵 Homepage & Meeting Creation:

- Design a homepage where users can create a meeting or join an existing one.
- Generate unique meeting room IDs for private video calls using PeerJS API.

🔵 Real-Time Video & Audio Calls (Free API):

- Use Jitsi Meet API for easy video conferencing (No WebRTC coding required).
- Alternative: Use WebRTC API with PeerJS for custom video call implementation.

🔵 Chat System (Free API):

- Implement real-time text chat using Socket.io.
- Enable emoji reactions and link sharing.

🔵 Screen Sharing (Free API):

- Use WebRTC API for screen sharing.
- Works with Jitsi Meet API or PeerJS for easy integration.

🔵 Connection Handling (Free API):

- Use Google's free STUN server (stun:stun.l.google.com:19302) for handling WebRTC connections.

🔵 Test the App:

- Verify video, audio, and screen sharing work properly.
- Ensure chat messages sync between participants.
- Check for responsiveness on desktop and mobile devices.

📋 Checklist

- ✅ A meeting creation and joining system using free APIs.
- ✅ A real-time video and audio call system using Jitsi Meet or WebRTC API.
- ✅ A live chat system with Socket.io.
- ✅ A screen sharing feature using WebRTC API.
- ✅ A meeting management system using PeerJS.
- ✅ Responsive design for desktop and mobile.

📁 GitHub Requirement

📌 Upload your Google Meet Clone project to GitHub with a README.md explaining the features and setup instructions.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my Google Meet Clone! Now users can host video calls, chat, and share screens using free APIs. 🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancodingwithai #codingwithai #WebDevelopment #VideoConferencing #GoogleMeetClone

CWI TASK : 84
SCORE: 10/



STREAMYARD CLONE (WEB-BASED, FUNCTIONAL)

DURATION: 1 DAY

🎯 Objective

Develop a fully functional live-streaming platform inspired by StreamYard, allowing users to broadcast live video, invite guests, and interact with an audience in real time.

🔧 What You'll Build

- ✓ A homepage where users can start or join live streams.
- ✓ A real-time video broadcasting system for live streaming.
- ✓ A guest invitation system where hosts can invite multiple participants.
- ✓ A live chat system for audience interaction.
- ✓ A screen sharing feature for presentations.
- ✓ A multi-platform streaming system (optional: stream to Facebook, YouTube, etc.).

📌 Free APIs to Use in This Task

Feature	Free API	Usage
Live Video Streaming	LiveKit API (LiveKit.io)	Free WebRTC-based API for real-time video streaming.
Guest Video Calls	Jitsi Meet API (Jitsi.org)	Free API for inviting guests to join live video calls.
Live Chat	Socket.io (socket.io)	Free real-time messaging API for live audience chat.
Screen Sharing	WebRTC API (MDN Docs)	Free API for screen sharing during streams.
Multi-Platform Streaming (Optional)	YouTube Live API (Google Cloud)	Free API to stream live video to YouTube.
User Authentication (Optional)	Firebase Auth (Firebase.google.com)	Free email & social login authentication (Google, Facebook).

CWI TASK : 84
SCORE:10/



STREAMYARD CLONE (WEB-BASED, FUNCTIONAL)

**DURATION: 1
DAY**

📌 Steps to Build This StreamYard Clone

- ◆ Homepage & Live Stream Creation:
 - Design a homepage where users can start or join a live stream.
 - Generate unique stream room IDs for private or public live sessions.
- ◆ Real-Time Video Broadcasting (Free API):
 - Use LiveKit API for real-time live streaming.
 - Alternative: Use Jitsi Meet API for guest invitations.
- ◆ Guest Invitation System (Free API):
 - Implement a "Invite Guest" feature using Jitsi Meet API.
 - Enable multiple guests to join a live stream.
- ◆ Live Chat System (Free API):
 - Implement real-time text chat using Socket.io.
 - Enable emoji reactions and link sharing.
- ◆ Screen Sharing (Free API):
 - Use WebRTC API for screen sharing.
 - Works with LiveKit API or Jitsi Meet API.
- ◆ Multi-Platform Streaming (Optional - Free API):
 - Use YouTube Live API to stream live video directly to YouTube.
- ◆ Test the App:
 - Verify video streaming, guest invitations, and chat work properly.
 - Ensure screen sharing and multi-platform streaming function correctly.
 - Check for responsiveness on desktop and mobile devices.

📋 Checklist

- ✓ A live video streaming system using LiveKit API.
- ✓ A guest invitation system using Jitsi Meet API.
- ✓ A real-time chat system using Socket.io.
- ✓ A screen sharing feature using WebRTC API.
- ✓ A multi-platform streaming system using YouTube Live API (Optional).
- ✓ Responsive design for desktop and mobile.

📁 GitHub Requirement

- 📁 Upload your StreamYard Clone project to GitHub with a README.md explaining the features and setup instructions.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my StreamYard Clone! Now users can go live, invite guests, and chat in real-time. 🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancodingwithai #codingwithai #WebDevelopment #LiveStreaming #StreamYardClone

CWI TASK : 85
SCORE:10/



GOOGLE CLONE (FUNCTIONAL) – WEB-BASED

**DURATION: 1
DAY**

Objective

Develop a fully functional Google search engine clone, allowing users to search the web, find images, and get real-time search suggestions using free APIs.

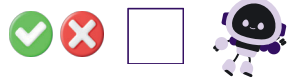
What You'll Build

- A homepage with a search bar similar to Google's interface.
- A real-time search results page displaying web pages and images.
- A suggested search feature that predicts queries as users type.
- A search filtering system (Web, Images, Videos).

Free APIs to Use in This Task

Feature	Free API	Usage
Web Search	SerpAPI (serpapi.com)	Free Google Search API to fetch search results.
Image Search	Unsplash API (unsplash.com)	Free API for fetching high-quality images.
Search Autocomplete	DuckDuckGo Instant API (duckduckgo.com)	Free API for real-time search suggestions.
News Search (Optional)	NewsAPI (newsapi.org)	Free API to fetch the latest news based on search queries.
Voice Search (Optional)	Web Speech API (MDN Docs)	Free browser API for voice search input.

CWI TASK : 85
SCORE:10/



GOOGLE CLONE (FUNCTIONAL) – WEB-BASED

**DURATION: 1
DAY**

✦ Steps to Build This Google Clone

◆ Homepage & Search Bar:

- Design a homepage similar to Google's clean interface.
- Implement a search bar where users can enter queries.

◆ Web Search System (Free API):

- Use SerpAPI to fetch and display real-time search results.
- Alternative: Use DuckDuckGo Instant API for privacy-friendly search results.

◆ Image Search (Free API):

- Use Unsplash API to fetch high-quality images based on queries.
- Display images in a grid layout with pagination.

◆ Search Autocomplete (Free API):

- Implement real-time search suggestions using DuckDuckGo API.
- Display related queries as users type in the search bar.

◆ News Search (Optional - Free API):

- Use NewsAPI to fetch latest news articles based on search queries.
- Show headlines, images, and article links.

◆ Voice Search (Optional - Free API):

- Use Web Speech API for voice input support.
- Allow users to search by speaking instead of typing.

◆ Test the App:

- Verify search functionality, autocomplete, and image search work correctly.
- Ensure API responses are accurate and display properly.
- Check for responsiveness on desktop and mobile devices.

📋 Checklist

- ✓ A homepage with a Google-style search bar.
- ✓ A real-time search result page using SerpAPI.
- ✓ A search autocomplete system using DuckDuckGo API.
- ✓ An image search feature using Unsplash API.
- ✓ An optional news search feature using NewsAPI.
- ✓ Responsive design for desktop and mobile.

📁 GitHub Requirement

📁 Upload your Google Clone project to GitHub with a README.md explaining the features and setup instructions.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my Google Clone! Now users can search the web, find images, and get real-time suggestions. 🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancingwithai #codingwithai #WebDevelopment #SearchEngine #GoogleClone

CWI TASK : 86
SCORE:10/



CHATGPT CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 3
DAYS**

🎯 Objective

Develop a fully functional AI chatbot app inspired by ChatGPT using Flutter, allowing users to have natural conversations with an AI assistant.

🛠️ What You'll Build

- ✅ A Flutter-based mobile app with an AI chatbot interface.
- ✅ A real-time chat system that responds intelligently.
- ✅ A text-to-speech & speech-to-text feature (optional).
- ✅ A user authentication system (optional: login for personalized chat history).
- ✅ A dark mode & UI customization options.

📌 Free APIs to Use in This Task

Feature	Free API	Usage
AI Chatbot Responses	OpenAI API (Free Tier) (openai.com)	Free tier allows limited AI chat interactions.
Alternative AI Chatbot API	Hugging Face Transformers API (huggingface.co)	Free alternative API for AI-generated responses.
Speech-to-Text (Optional)	Google Speech-to-Text API (cloud.google.com)	Free tier supports speech input.
Text-to-Speech (Optional)	Google Text-to-Speech API (cloud.google.com)	Free tier for converting text to voice responses.
Authentication (Optional)	Firebase Auth (firebase.google.com)	Free Google, email, and phone authentication.

CWI TASK : 86
SCORE:10/



CHATGPT CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 3
DAYS**

📌 Steps to Build This ChatGPT Clone in Flutter

◆ Project Setup:

- Initialize a Flutter project with flutter create chatgpt_clone.
- Install dependencies (http, provider, firebase_auth, google_speech).

◆ UI Design:

- Create a chat screen with a message input box.
- Implement a list of AI-generated responses with a conversation history.

◆ AI Chatbot Integration (Free API):

- Use OpenAI API (GPT-3.5 Free Tier) for text-based AI responses.
- Alternative: Use Hugging Face API for open-source AI responses.

◆ Speech Recognition (Optional - Free API):

- Implement Google Speech-to-Text API to allow voice input.

◆ Text-to-Speech (Optional - Free API):

- Use Google Text-to-Speech API to read AI responses aloud.

◆ User Authentication (Optional - Free API):

- Implement Firebase Auth for user login and chat history tracking.

◆ Testing & Deployment:

- Verify chatbot responses, speech input, and text-to-speech features.
- Ensure the app runs smoothly on both Android & iOS.

📋 Checklist

- ✓ A Flutter mobile app with an AI chatbot interface.
- ✓ A real-time AI chat system using OpenAI API.
- ✓ A speech-to-text feature using Google Speech API (Optional).
- ✓ A text-to-speech feature for AI responses (Optional).
- ✓ A user authentication system with Firebase (Optional).
- ✓ Dark mode & UI customization options.

📁 GitHub Requirement

📌 Upload your ChatGPT Clone (Flutter) project to GitHub with a README.md explaining the features and setup instructions.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my ChatGPT Clone in Flutter! Now users can chat with an AI assistant using voice and text. 🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancingwithai #codingwithai #Flutter #AIChatbot #ChatGPTClone

CWI TASK : 87
SCORE:10/



WHATSAPP CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 3
DAYS**

Objective

Develop a fully functional messaging app inspired by WhatsApp using Flutter, allowing users to send messages, make calls, and share media.

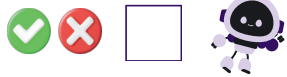
What You'll Build

- ✓ A Flutter-based mobile chat app with real-time messaging.
- ✓ A user authentication system for login/sign-up.
- ✓ A real-time chat system with text, voice, and media support.
- ✓ A status/story feature (optional).
- ✓ A voice and video call feature (optional).
- ✓ A dark mode & UI customization options.

Free APIs to Use in This Task

Feature	Free API	Usage
Real-time Messaging	Firestore (firebase.google.com)	Free tier supports chat messages in real time.
Authentication	Auth (firebase.google.com)	Free tier supports Google, email, and phone authentication.
Cloud Storage for Media	Storage (firebase.google.com)	Free storage for images, videos, and voice notes.
Push Notifications	Cloud Messaging (FCM) (firebase.google.com)	Free push notifications for new messages.
Voice & Video Calls (Optional)	Jitsi Meet API (jitsi.org)	Free API for voice/video calls.
Profile & Status (Optional)	Cloudinary API (cloudinary.com)	Free tier supports profile image and status uploads.

CWI TASK : 87
SCORE:10/



WHATSAPP CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 3
DAYS**

🔴 Steps to Build This WhatsApp Clone in Flutter

◆ Project Setup:

- Initialize a Flutter project with flutter create whatsapp_clone.
- Install dependencies (firebase_auth, cloud_firestore, firebase_storage, firebase_messaging, flutter_webrtc, provider).

◆ UI Design:

- Create screens for chat, contacts, status updates, and settings.
- Implement a chat bubble UI similar to WhatsApp.

◆ User Authentication (Free API - Firebase Auth):

- Implement Google Sign-In and phone number authentication.
- Allow users to set up a profile with a name and profile picture.

◆ Real-Time Messaging (Free API - Firebase Firestore):

- Enable one-on-one and group messaging.
- Store messages with timestamps and sender details.
- Support read receipts and message status (sent, delivered, read).

◆ Media Sharing (Free API - Firebase Storage):

- Allow users to send images, videos, voice notes, and documents.
- Implement profile image uploads using Cloudinary API (Optional).

◆ Push Notifications (Free API - Firebase Cloud Messaging):

- Notify users when they receive new messages.

◆ Voice & Video Calls (Optional - Free API Jitsi Meet):

- Implement Jitsi Meet API for voice and video calls.

◆ Status & Stories (Optional - Free API):

- Allow users to post status updates (images, videos, text).

◆ Testing & Deployment:

- Verify user authentication, chat, media sharing, and notifications.
- Ensure app runs smoothly on both Android & iOS.

📋 Checklist

- ✓ A Flutter mobile app with a WhatsApp-style chat interface.
- ✓ A real-time messaging system using Firebase Firestore.
- ✓ A user authentication system with Firebase Auth.
- ✓ Media sharing support using Firebase Storage.
- ✓ Push notifications using Firebase Cloud Messaging.
- ✓ A voice and video call feature (Optional - Jitsi Meet API).
- ✓ A status/story feature (Optional).

📁 GitHub Requirement

📄 Upload your WhatsApp Clone (Flutter) project to GitHub with a README.md explaining the features and setup instructions.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my WhatsApp Clone in Flutter! Now users can chat, share media, and connect seamlessly. 🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #ChatApp #WhatsAppClone

CWI TASK : 88
SCORE: 10/



MICROSOFT COPILOT CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

@ Objective

Develop a fully functional AI-powered assistant app inspired by Microsoft Copilot using Flutter, allowing users to generate text, summarize content, write code, and answer questions.

🔧 What You'll Build

- ✓ A Flutter-based mobile AI assistant with a chat-like interface.
- ✓ A real-time AI chatbot system for answering queries and generating text.
- ✓ A code generation & summarization feature (optional).
- ✓ A voice input and text-to-speech functionality (optional).
- ✓ A dark mode & UI customization options.

📌 Free APIs to Use in This Task

Feature	Free API	Usage
AI Chatbot & Text Generation	OpenAI API (Free Tier) (openai.com)	Free tier supports AI-generated text responses.
Alternative AI Model	Hugging Face Transformers API (huggingface.co)	Free API for generating text and summarizing content.
Speech-to-Text (Optional)	Google Speech-to-Text API (cloud.google.com)	Free tier supports voice input.
Text-to-Speech (Optional)	Google Text-to-Speech API (cloud.google.com)	Free tier for converting text to AI voice responses.
Code Generation (Optional)	CodeParrot (Hugging Face) (huggingface.co/models?search=codeparrot)	Free API for AI-powered code generation.
Authentication (Optional)	Firebase Auth (firebase.google.com)	Free Google, email, and phone authentication.

CWI TASK : 88
SCORE:10/



MICROSOFT COPILOT CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

✦ Steps to Build This Copilot Clone in Flutter

◆ Project Setup:

- Initialize a Flutter project with flutter create copilot_clone.
- Install dependencies (http, provider, firebase_auth, flutter_tts, speech_to_text).

◆ UI Design:

- Create a chat-style interface similar to Copilot.
- Implement a text input box with AI-generated responses.

◆ AI Chatbot Integration (Free API):

- Use OpenAI API (GPT-3.5 Free Tier) for AI-generated responses.
- Alternative: Use Hugging Face API for free text generation.

◆ Code Generation (Optional - Free API):

- Integrate CodeParrot API for AI-powered code completion.
- Users can enter a prompt, and the AI generates relevant code.

◆ Speech Recognition (Optional - Free API):

- Implement Google Speech-to-Text API for voice-based queries.

◆ Text-to-Speech (Optional - Free API):

- Use Google Text-to-Speech API to make AI responses audible.

◆ User Authentication (Optional - Free API):

- Implement Firebase Auth for personalized AI chat experiences.

◆ Testing & Deployment:

- Verify chatbot responses, speech input, and text-to-speech features.
- Ensure app runs smoothly on both Android & iOS.

📋 Checklist

- ✓ A Flutter mobile app with an AI-powered chatbot interface.
- ✓ A real-time AI chat system using OpenAI API.
- ✓ A code generation feature using CodeParrot API (Optional).
- ✓ A speech-to-text feature using Google Speech API (Optional).
- ✓ A text-to-speech feature for AI responses (Optional).
- ✓ A user authentication system with Firebase (Optional).

📁 GitHub Requirement

- 📌 Upload your Copilot Clone (Flutter) project to GitHub with a README.md explaining the features and setup instructions.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my Copilot Clone in Flutter! Now users can chat with an AI assistant, generate text, and even write code. 🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancingwithai #codingwithai #Flutter #AIChatbot #CopilotClone

CWI TASK : 89
SCORE:10/



TWITTER CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

Objective

Develop a fully functional social media platform inspired by Twitter using Flutter, allowing users to post tweets, like, comment, and follow others.

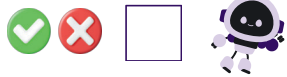
What You'll Build

- ✓ A Flutter-based mobile app with a Twitter-style interface.
- ✓ A real-time post (tweet) system where users can post text, images, and videos.
- ✓ A user authentication system for signup/login.
- ✓ A like, comment, and retweet system for engagement.
- ✓ A follow/unfollow system for personalized feeds.
- ✓ A notifications system for user interactions.
- ✓ A dark mode & UI customization options.

Free APIs to Use in This Task

Feature	Free API	Usage
Real-time Posts & Tweets	Firebase Firestore (firebase.google.com)	Free tier supports real-time tweet storage.
Authentication	Firebase Auth (firebase.google.com)	Free email & phone authentication.
Cloud Storage for Media	Firebase Storage (firebase.google.com)	Free storage for images, videos, and profile pictures.
Push Notifications	Firebase Cloud Messaging (FCM) (firebase.google.com)	Free push notifications for mentions, comments, and likes.
Profile Pictures & Cover Photos	Cloudinary API (cloudinary.com)	Free tier supports profile image uploads.

CWI TASK : 89
SCORE:10/



TWITTER CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

🔥 Steps to Build This Twitter Clone in Flutter

◆ Project Setup:

- Initialize a Flutter project with flutter create twitter_clone.
- Install dependencies (firebase_auth, cloud_firestore, firebase_storage, firebase_messaging, provider).

◆ UI Design:

- Create Twitter-style home feed, profile page, notifications, and tweet composer screen.
- Implement a modern, responsive UI with tweet-like cards.

◆ User Authentication (Free API - Firebase Auth):

- Implement Google Sign-In and email authentication.
- Allow users to set up a profile with a name, username, bio, and profile picture.

◆ Real-Time Tweeting System (Free API - Firebase Firestore):

- Enable users to post tweets with text, images, and videos.
- Store tweets with timestamps and user details.

◆ Like, Comment, Retweet System (Free API - Firebase Firestore):

- Implement like, comment, and retweet features with real-time updates.
- Users can view who liked or retweeted a tweet.

◆ Follow & Unfollow System (Free API - Firebase Firestore):

- Users can follow/unfollow others to personalize their feed.
- The home feed only shows tweets from followed users.

◆ Push Notifications (Free API - Firebase Cloud Messaging):

- Notify users when they get mentions, likes, or comments.

◆ Media Uploads (Free API - Firebase Storage & Cloudinary API):

- Users can upload profile pictures, cover photos, and tweet images/videos.

◆ Testing & Deployment:

- Verify authentication, tweeting, engagement, and notifications.
- Ensure app runs smoothly on both Android & iOS.

📋 Checklist

- ✓ A Flutter mobile app with a Twitter-style interface.
- ✓ A real-time tweeting system using Firebase Firestore.
- ✓ A user authentication system with Firebase Auth.
- ✓ Like, comment, and retweet features.
- ✓ Follow/unfollow system for personalized feeds.
- ✓ Push notifications using Firebase Cloud Messaging.
- ✓ Media uploads for tweets and profiles using Firebase Storage & Cloudinary.

📁 GitHub Requirement

- 📌 Upload your Twitter Clone (Flutter) project to GitHub with a README.md explaining the features and setup instructions.

📺 Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my Twitter Clone in Flutter! Now users can tweet, follow, and engage in real-time. 🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #SocialMediaApp #TwitterClone

CWI TASK : 90
SCORE:10/



LINKEDIN CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

🎯 Objective

Develop a fully functional professional networking app inspired by LinkedIn using Flutter, allowing users to create profiles, post content, connect with others, and apply for jobs.

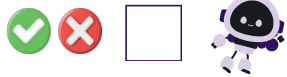
🔧 What You'll Build

- ✅ A Flutter-based mobile app with a LinkedIn-style user interface.
- ✅ A real-time post system where users can share text, images, and videos.
- ✅ A user authentication system for signup/login.
- ✅ A profile management system with user details, skills, and work experience.
- ✅ A connect (follow) system to build a professional network.
- ✅ A job posting and application system for recruiters and job seekers.
- ✅ A messaging system for professional communication.
- ✅ A notification system for updates and interactions.
- ✅ A dark mode & UI customization options.

📌 Free APIs to Use in This Task

Feature	Free API	Usage
Real-time Posts & Content Sharing	Firebase Firestore (firebase.google.com)	Free tier supports real-time post storage.
Authentication	Firebase Auth (firebase.google.com)	Free email, Google, and phone authentication.
Cloud Storage for Media	Firebase Storage (firebase.google.com)	Free storage for profile images, posts, and videos.
Push Notifications	Firebase Cloud Messaging (FCM) (firebase.google.com)	Free notifications for connections, comments, and likes.
Profile Picture Uploads	Cloudinary API (cloudinary.com)	Free tier supports profile image uploads.
Job Listings (Optional)	JSearch API (rapidapi.com/letsrcape)	Free job posting API for job search and applications.
Messaging System (Optional)	Socket.io (socket.io)	Free real-time chat API for user messaging.

CWI TASK : 90
SCORE:10/



LINKEDIN CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

DURATION: 2
DAYS

🔥 Steps to Build This LinkedIn Clone in Flutter

◆ Project Setup:

- Initialize a Flutter project with `flutter create linkedin_clone`.
- Install dependencies (`firebase_auth`, `cloud_firestore`, `firebase_storage`, `firebase_messaging`, `provider`, `socket_io_client`).

◆ UI Design:

- Create screens for home feed, profile, job search, messaging, and notifications.
- Implement a clean, professional UI with LinkedIn-like cards for posts.

◆ User Authentication (Free API - Firebase Auth):

- Implement Google Sign-In and email authentication.
- Allow users to set up a professional profile with name, job title, skills, and profile picture.

◆ Real-Time Posting System (Free API - Firebase Firestore):

- Enable users to create posts with text, images, and videos.
- Store posts with timestamps and user details.

◆ Follow & Connect System (Free API - Firebase Firestore):

- Users can send connection requests and follow professionals.
- The home feed shows posts only from connected users.

◆ Job Search & Posting System (Free API - JSearch API - Optional):

- Enable recruiters to post job listings.
- Allow job seekers to search and apply for jobs.

◆ Messaging System (Free API - Socket.io - Optional):

- Implement real-time chat functionality between professionals.

◆ Push Notifications (Free API - Firebase Cloud Messaging):

- Notify users when they receive connection requests, messages, or post interactions.

◆ Profile Management (Free API - Firebase Firestore & Cloudinary API):

- Users can update their profiles with work experience, skills, and education.
- Profile images can be uploaded using Cloudinary API.

◆ Testing & Deployment:

- Verify authentication, posting, messaging, and job features.
- Ensure app runs smoothly on both Android & iOS.

📋 Checklist

- ✅ A Flutter mobile app with a LinkedIn-style professional network.
- ✅ A real-time posting system using Firebase Firestore.
- ✅ A user authentication system with Firebase Auth.
- ✅ Follow and connect features for networking.
- ✅ Job search and job posting system (Optional - JSearch API).
- ✅ Push notifications using Firebase Cloud Messaging.
- ✅ Real-time messaging system using Socket.io (Optional).
- ✅ Media uploads for profiles and posts using Firebase Storage & Cloudinary.

📁 GitHub Requirement

📌 Upload your LinkedIn Clone (Flutter) project to GitHub with a README.md explaining the features and setup instructions.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my LinkedIn Clone in Flutter! Now users can network, share posts, and apply for jobs. 🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #ProfessionalNetworking #LinkedInClone

CWI TASK : 91
SCORE:10/



INSTAGRAM CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

🎯 Objective

Develop a fully functional social media app inspired by Instagram using Flutter, allowing users to share photos, videos, like, comment, and follow others.

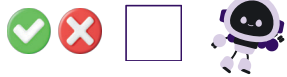
🔧 What You'll Build

- ✅ A Flutter-based mobile app with an Instagram-like UI.
- ✅ A real-time post system where users can upload photos and videos.
- ✅ A user authentication system for signup/login.
- ✅ A like, comment, and share system for engagement.
- ✅ A follow/unfollow system to build a social feed.
- ✅ A story feature where users can post temporary content.
- ✅ A direct messaging system for private conversations.
- ✅ A push notifications system for interactions and messages.
- ✅ A dark mode & UI customization options.

📌 Free APIs to Use in This Task

Feature	Free API	Usage
Real-time Posts & Stories	Firebase Firestore (firebase.google.com)	Free tier supports real-time post storage.
Authentication	Firebase Auth (firebase.google.com)	Free Google, email, and phone authentication.
Cloud Storage for Media	Firebase Storage (firebase.google.com)	Free storage for images, videos, and profile pictures.
Push Notifications	Firebase Cloud Messaging (FCM) (firebase.google.com)	Free notifications for likes, comments, and follows.
Profile Picture Uploads	Cloudinary API (cloudinary.com)	Free tier supports profile image uploads.
Filters & Image Editing	Imgix API (imgix.com)	Free image transformation and filtering API.
Direct Messaging	Socket.io (socket.io)	Free real-time chat API for user messaging.

CWI TASK : 91
SCORE:10/



INSTAGRAM CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

📌 Steps to Build This Instagram Clone in Flutter

◆ Project Setup:

- Initialize a Flutter project with flutter create instagram_clone.
- Install dependencies (firebase_auth, cloud_firestore, firebase_storage, firebase_messaging, provider, socket_io_client, image_picker).

◆ UI Design:

- Create Instagram-style home feed, profile page, explore section, and messaging.
- Implement a clean, modern UI with a grid-based post layout.

◆ User Authentication (Free API - Firebase Auth):

- Implement Google Sign-In and email authentication.
- Allow users to set up a profile with a name, bio, and profile picture.

◆ Real-Time Posting System (Free API - Firebase Firestore & Storage):

- Enable users to upload photos, videos, and captions.
- Store posts with timestamps and user details.

◆ Like, Comment, Share System (Free API - Firebase Firestore):

- Implement like, comment, and share features.
- Users can see who liked or commented on their posts.

◆ Follow & Unfollow System (Free API - Firebase Firestore):

- Users can follow/unfollow others.
- The home feed only shows posts from followed users.

◆ Story Feature (Free API - Firebase Firestore & Storage):

- Users can upload temporary stories that disappear after 24 hours.
- Stories support images, videos, and text updates.

◆ Direct Messaging (Free API - Socket.io):

- Implement real-time chat functionality between users.
- Support text, media, and emoji messages.

◆ Push Notifications (Free API - Firebase Cloud Messaging):

- Notify users when they get likes, comments, or follows.

◆ Image Editing & Filters (Free API - Imgix API):

- Allow users to apply filters and edit images before posting.

◆ Testing & Deployment:

- Verify authentication, posting, stories, and messaging.
- Ensure app runs smoothly on both Android & iOS.

📋 Checklist

- ✓ A Flutter mobile app with an Instagram-style interface.
- ✓ A real-time post & story system using Firebase Firestore & Storage.
- ✓ A user authentication system with Firebase Auth.
- ✓ Like, comment, and share features.
- ✓ Follow/unfollow system for personalized feeds.
- ✓ Push notifications using Firebase Cloud Messaging.
- ✓ Real-time messaging system using Socket.io.
- ✓ Image editing & filters using Imgix API.

📁 GitHub Requirement

- 📌 Upload your Instagram Clone (Flutter) project to GitHub with a README.md explaining the features and setup instructions.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

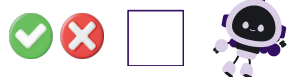
"Just completed my Instagram Clone in Flutter! Now users can share posts, stories, and chat in real-time. 🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #SocialMediaApp #InstagramClone

CWI TASK : 92
SCORE: 10/



FACEBOOK CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

🎯 Objective

Develop a fully functional social media platform inspired by Facebook using Flutter, allowing users to create profiles, post content, connect with friends, and engage with a social feed.

🔧 What You'll Build

- ✅ A Flutter-based mobile app with a Facebook-like user interface.
- ✅ A real-time post system where users can share text, images, and videos.
- ✅ A user authentication system for signup/login.
- ✅ A like, comment, and share system for engagement.
- ✅ A friend request & follow system for networking.
- ✅ A story feature where users can post temporary content.
- ✅ A direct messaging system for private conversations.
- ✅ A notification system for updates and interactions.
- ✅ A dark mode & UI customization options.

📌 Free APIs to Use in This Task

Feature	Free API	Usage
Real-time Posts & Stories	Firebase Firestore (firebase.google.com)	Free tier supports real-time post storage.
Authentication	Firebase Auth (firebase.google.com)	Free Google, email, and phone authentication.
Cloud Storage for Media	Firebase Storage (firebase.google.com)	Free storage for images, videos, and profile pictures.
Push Notifications	Firebase Cloud Messaging (FCM) (firebase.google.com)	Free notifications for likes, comments, and friend requests.
Profile Picture Uploads	Cloudinary API (cloudinary.com)	Free tier supports profile image uploads.
Image Editing & Filters	Imgix API (imgix.com)	Free image transformation and filtering API.
Direct Messaging	Socket.io (socket.io)	Free real-time chat API for user messaging.

📌 Steps to Build This Facebook Clone in Flutter

- ◆ Project Setup:
 - Initialize a Flutter project with `flutter create facebook_clone`.
 - Install dependencies (`firebase_auth`, `cloud_firestore`, `firebase_storage`, `firebase_messaging`, `provider`, `socket_io_client`, `image_picker`).
- ◆ UI Design:
 - Create Facebook-style home feed, profile page, explore section, notifications, and messaging.
 - Implement a clean, modern UI with timeline-based posts.
- ◆ User Authentication (Free API - Firebase Auth):
 - Implement Google Sign-In and email authentication.
 - Allow users to set up a profile with a name, bio, and profile picture.
- ◆ Real-Time Posting System (Free API - Firebase Firestore & Storage):
 - Enable users to post updates with text, images, and videos.
 - Store posts with timestamps and user details.
- ◆ Like, Comment, Share System (Free API - Firebase Firestore):
 - Implement like, comment, and share features.

CWI TASK : 92
SCORE:10/



FACEBOOK CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

- Users can see who liked or commented on their posts.
- ◆ Friend Request & Follow System (Free API - Firebase Firestore):
 - Users can send and accept friend requests.
 - The home feed only shows posts from friends and followed users.
- ◆ Story Feature (Free API - Firebase Firestore & Storage):
 - Users can upload temporary stories that disappear after 24 hours.
 - Stories support images, videos, and text updates.
- ◆ Direct Messaging (Free API - Socket.io):
 - Implement real-time chat functionality between users.
 - Support text, media, and emoji messages.
- ◆ Push Notifications (Free API - Firebase Cloud Messaging):
 - Notify users when they get likes, comments, friend requests, or messages.
- ◆ Image Editing & Filters (Free API - Imgix API):
 - Allow users to apply filters and edit images before posting.
- ◆ Testing & Deployment:
 - Verify authentication, posting, stories, and messaging.
 - Ensure app runs smoothly on both Android & iOS.

📋 Checklist

- ✓ A Flutter mobile app with a Facebook-style interface.
- ✓ A real-time post & story system using Firebase Firestore & Storage.
- ✓ A user authentication system with Firebase Auth.
- ✓ Like, comment, and share features.
- ✓ Friend request & follow system for networking.
- ✓ Push notifications using Firebase Cloud Messaging.
- ✓ Real-time messaging system using Socket.io.
- ✓ Image editing & filters using Imgix API.

📁 GitHub Requirement

- 📌 Upload your Facebook Clone (Flutter) project to GitHub with a README.md explaining the features and setup instructions.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my Facebook Clone in Flutter! Now users can post, connect, and chat just like on Facebook. 🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #SocialMediaApp #FacebookClone

CWI TASK : 93
SCORE: 10/



PINTEREST CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

Objective

Develop a fully functional social media platform inspired by Pinterest using Flutter, allowing users to browse, save, and share images in categorized boards.

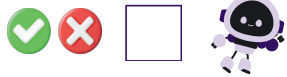
What You'll Build

- ✓ A Flutter-based mobile app with a Pinterest-style interface.
- ✓ A real-time image posting and sharing system.
- ✓ A user authentication system for signup/login.
- ✓ A pin (save) and board system for organizing images.
- ✓ A search and explore system for finding images by category.
- ✓ A comment and like system for user engagement.
- ✓ A direct messaging system for sharing images privately.
- ✓ A push notification system for user interactions.
- ✓ A dark mode & UI customization options.

Free APIs to Use in This Task

Feature	Free API	Usage
Real-time Posts & Image Sharing	Firebase Firestore (firebase.google.com)	Free tier supports real-time post storage.
Authentication	Firebase Auth (firebase.google.com)	Free Google, email, and phone authentication.
Cloud Storage for Images	Firebase Storage (firebase.google.com)	Free storage for images and profile pictures.
Push Notifications	Firebase Cloud Messaging (FCM) (firebase.google.com)	Free notifications for likes, comments, and shares.
Profile Picture Uploads	Cloudinary API (cloudinary.com)	Free tier supports profile image uploads.
Image Editing & Filters	Imgix API (imgix.com)	Free image transformation and filtering API.
Direct Messaging	Socket.io (socket.io)	Free real-time chat API for user messaging.
Image Search & Recommendations	Unsplash API (unsplash.com)	Free high-quality images for browsing and recommendations.

CWI TASK : 93
SCORE:10/



PINTEREST CLONE (FUNCTIONAL) **– FLUTTER (MOBILE APP)**

DURATION: 2
DAYS

📌 Steps to Build This Pinterest Clone in Flutter

◆ Project Setup:

- Initialize a Flutter project with flutter create pinterest_clone.
- Install dependencies (firebase_auth, cloud_firestore, firebase_storage, firebase_messaging, provider, socket_io_client, image_picker).

◆ UI Design:

- Create Pinterest-style home feed, profile page, search page, and collections (boards).
- Implement a clean, modern UI with a grid-based image layout.

◆ User Authentication (Free API - Firebase Auth):

- Implement Google Sign-In and email authentication.
- Allow users to set up a profile with a name, bio, and profile picture.

◆ Real-Time Image Posting System (Free API - Firebase Firestore & Storage):

- Enable users to upload and categorize images into boards.
- Store images with descriptions, tags, and user details.

◆ Pin & Board System (Free API - Firebase Firestore):

- Users can save (pin) images to their custom boards.
- Allow board organization by category (e.g., Travel, Fashion, Food, Art, etc.).

◆ Search & Explore System (Free API - Unsplash API):

- Implement a powerful search feature for discovering images.
- Use AI-powered recommendations to suggest images based on user activity.

◆ Like, Comment, & Share System (Free API - Firebase Firestore):

- Implement like and comment features for user engagement.
- Users can share images via direct messages.

◆ Direct Messaging (Free API - Socket.io):

- Implement real-time private messaging for users to share images.
- Support text, media, and emoji messages.

◆ Push Notifications (Free API - Firebase Cloud Messaging):

- Notify users when they get likes, comments, and new followers.

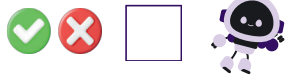
◆ Image Editing & Filters (Free API - Imgix API):

- Allow users to apply filters and edit images before posting.

◆ Testing & Deployment:

- Verify authentication, image posting, search, and messaging.
- Ensure app runs smoothly on both Android & iOS.

CWI TASK : 93
SCORE:10/



PINTEREST CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

Checklist


- ✓ A Flutter mobile app with a Pinterest-style interface.
- ✓ A real-time image sharing and pinning system using Firebase Firestore & Storage.
- ✓ A user authentication system with Firebase Auth.
- ✓ Like, comment, and share features.
- ✓ Board creation and image organization system.
- ✓ Push notifications using Firebase Cloud Messaging.
- ✓ Real-time messaging system using Socket.io.
- ✓ Image search and recommendations using Unsplash API.
- ✓ Image editing & filters using Imgix API.

GitHub Requirement

 Upload your Pinterest Clone (Flutter) project to GitHub with a README.md explaining the features and setup instructions.

Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my Pinterest Clone in Flutter! Now users can discover, save, and share images seamlessly. 🚀"

 Clone Link: [Clone Link]

 GitHub Repository: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #SocialMediaApp #PinterestClone

CWI TASK : 94
SCORE: 10/



SNAPCHAT CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

Objective

Develop a fully functional social media platform inspired by Snapchat using Flutter, allowing users to share disappearing snaps, chat, create stories, and use augmented reality (AR) filters.

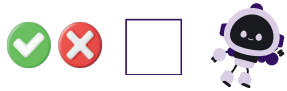
What You'll Build

- ✓ A Flutter-based mobile app with a Snapchat-style interface.
- ✓ A real-time photo and video sharing system (Snaps).
- ✓ A user authentication system for signup/login.
- ✓ A story feature where users can post temporary content.
- ✓ A direct messaging system with disappearing messages.
- ✓ A Snap Map feature to see friends' locations (optional).
- ✓ A push notification system for user interactions.
- ✓ AR filters & face recognition (optional).
- ✓ Dark mode & UI customization options.

Free APIs to Use in This Task

Feature	Free API	Usage
Real-time Snaps & Stories	Firebase Firestore (firebase.google.com)	Free tier supports real-time post storage.
Authentication	Firebase Auth (firebase.google.com)	Free Google, email, and phone authentication.
Cloud Storage for Media	Firebase Storage (firebase.google.com)	Free storage for images, videos, and profile pictures.
Push Notifications	Firebase Cloud Messaging (FCM) (firebase.google.com)	Free notifications for snaps, chats, and friend requests.
Profile Picture Uploads	Cloudinary API (cloudinary.com)	Free tier supports profile image uploads.
Face & Object Recognition	Google ML Kit API (developers.google.com/ml-kit)	Free API for face tracking, text recognition, and barcode scanning.
Geolocation (Snap Map Feature)	Google Maps API (cloud.google.com/maps-platform)	Free for tracking and displaying friends' locations.
Augmented Reality (AR Filters - Optional)	DeepAR API (deepar.ai)	Free API for face filters and real-time AR effects.
Direct Messaging	Socket.io (socket.io)	Free real-time chat API for user messaging.

CWI TASK : 94
SCORE:10/



SNAPCHAT CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

✦ Steps to Build This Snapchat Clone in Flutter

◆ Project Setup:

- Initialize a Flutter project with flutter create snapchat_clone.
- Install dependencies (firebase_auth, cloud_firestore, firebase_storage, firebase_messaging, provider, socket_io_client, image_picker, flutter_webrtc).

◆ UI Design:

- Create Snapchat-style home screen, camera screen, chats, stories, and maps.
- Implement a clean, modern UI with swipe-based navigation.

◆ User Authentication (Free API - Firebase Auth):

- Implement Google Sign-In and phone number authentication.
- Allow users to set up a profile with a username, Bitmoji-style avatar, and bio.

◆ Real-Time Snaps & Stories (Free API - Firebase Firestore & Storage):

- Enable users to send snaps (images & videos) to friends.
- Implement story feature where snaps disappear after 24 hours.

◆ Chat & Disappearing Messages (Free API - Firebase Firestore & Socket.io):

- Users can send self-destructing messages that disappear after being viewed.
- Implement chat notifications using Firebase Cloud Messaging (FCM).

◆ Snap Map Feature (Optional - Free API - Google Maps API):

- Allow users to share their live location with friends.
- Display friends on a map interface with real-time updates.

◆ AR Filters & Face Tracking (Optional - Free API - DeepAR API & Google ML Kit):

- Implement real-time face filters and object tracking for Snaps.
- Enable lens effects like sunglasses, face distortion, or stickers.

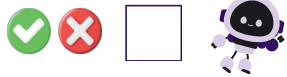
◆ Push Notifications (Free API - Firebase Cloud Messaging):

- Notify users when they receive a snap, message, or friend request.

◆ Testing & Deployment:

- Verify authentication, snaps, chats, and stories.
- Ensure app runs smoothly on both Android & iOS.

CWI TASK : 94
SCORE:10/




SNAPCHAT CLONE (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

Checklist


- ✓ A Flutter mobile app with a Snapchat-style interface.
- ✓ A real-time Snap & Story system using Firebase Firestore & Storage.
- ✓ A user authentication system with Firebase Auth.
- ✓ Disappearing messages & chat system using Socket.io.
- ✓ Push notifications using Firebase Cloud Messaging.
- ✓ Snap Map feature (optional) using Google Maps API.
- ✓ AR filters (optional) using DeepAR API.
- ✓ Face tracking (optional) using Google ML Kit API.

GitHub Requirement

 Upload your Snapchat Clone (Flutter) project to GitHub with a README.md explaining the features and setup instructions.

Facebook, Instagram, YouTube, LinkedIn Caption

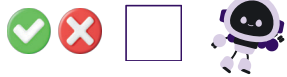
"Just completed my Snapchat Clone in Flutter! Now users can send Snaps, chat, and explore with AR filters. 🚀"

 Clone Link: [Clone Link]

 GitHub Repository: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #SocialMediaApp #SnapchatClone

CWI TASK : 95
SCORE:10/



TIC-TAC-TOE GAME (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

Objective

Develop a fully functional Tic-Tac-Toe game using Flutter, allowing users to play against AI or with friends in a multiplayer mode.

What You'll Build

- ✓ A Flutter-based mobile app with a simple and intuitive UI.
- ✓ Single-player mode with an AI-powered opponent.
- ✓ Two-player mode for playing with a friend on the same device.
- ✓ Online multiplayer mode (optional - using Firebase or WebSockets).
- ✓ A game result system that announces winners or ties.
- ✓ A restart game option after each round.
- ✓ A dark mode & UI customization options.

Free APIs to Use in This Task

Feature	Free API	Usage
Online Multiplayer (Optional)	Firebase Firestore (firebase.google.com)	Free real-time database for online game sessions.
Authentication (Optional)	Firebase Auth (firebase.google.com)	Free Google or email authentication for multiplayer.
Multiplayer Game Sync (Optional)	Socket.io (socket.io)	Free real-time WebSocket connection for two-player online games.

Steps to Build This Tic-Tac-Toe Game in Flutter

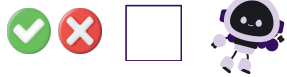
Project Setup:

- Initialize a Flutter project with `flutter create tic_tac_toe`.
- Install dependencies (`provider`, `firebase_auth`, `cloud_firestore`, `socket_io_client`).

UI Design:

- Design a 3x3 grid layout for Tic-Tac-Toe using `GridView.builder()`.
- Implement buttons for game control (Restart, Home, Mode Selection).

CWI TASK : 95
SCORE:10/



TIC-TAC-TOE GAME (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

- ◆ Single-Player Mode (With AI)
 - Implement a basic AI opponent using Minimax Algorithm for strategic moves.
 - Allow the player to choose between X or O.
- ◆ Two-Player Mode (Local Multiplayer)
 - Enable two players to take turns on the same device.
 - Display whose turn it is and announce the winner or tie.
- ◆ Online Multiplayer (Optional - Free API - Firebase Firestore or Socket.io):
 - Implement real-time matchmaking for online play.
 - Store game data and moves in Firestore or WebSocket server.
 - Allow users to play with friends by sharing a game code.
- ◆ Game Result System:
 - Check for winning conditions (three in a row, column, or diagonal).
 - Display "Player X Wins!", "Player O Wins!", or "It's a Tie!".
- ◆ Game Restart & UI Enhancements:
 - Add a restart button to reset the board.
 - Implement dark mode for better user experience.
- ◆ Testing & Deployment:
 - Verify AI, two-player mode, and optional multiplayer sync.
 - Ensure app runs smoothly on both Android & iOS.

📋 Checklist

- ✅ A Flutter mobile app with a Tic-Tac-Toe game interface.
- ✅ Single-player mode with AI opponent.
- ✅ Two-player mode (Local multiplayer on the same device).
- ✅ Winning, tie detection, and game restart system.
- ✅ Online multiplayer mode (Optional - Firebase or Socket.io).
- ✅ Dark mode support for UI customization.

📁 GitHub Requirement

📌 Upload your Tic-Tac-Toe Game (Flutter) project to GitHub with a README.md explaining the features and setup instructions.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my Tic-Tac-Toe game in Flutter! Play against AI, a friend, or online. Who's ready to challenge me? 🎮🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #GameDevelopment #TicTacToe

CWI TASK : 96
SCORE:10/



PAC-MAN GAME (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

Objective

Develop a fully functional Pac-Man game using Flutter, where players control Pac-Man to collect points while avoiding ghosts in a maze.

What You'll Build

- ✓ A Flutter-based mobile app with a Pac-Man-style game interface.
- ✓ A maze-based movement system for Pac-Man.
- ✓ Ghost enemies that move and chase Pac-Man.
- ✓ A scoring system where Pac-Man collects points.
- ✓ Power-ups that allow Pac-Man to defeat ghosts.
- ✓ Multiple difficulty levels (optional).
- ✓ Game-over screen when Pac-Man is caught.
- ✓ Dark mode & UI customization options.

Free APIs to Use in This Task

Feature	Free API	Usage
Game State Management	Provider Package (pub.dev)	Free state management for handling game logic.
Animations & Sprites	Flame Engine (flame-engine.org)	Free game development framework for Flutter.
Sound Effects & Music	Flutter Sound (pub.dev)	Free package for adding sound effects.
Leaderboards (Optional)	Firebase Firestore (firebase.google.com)	Free database to store high scores.

Steps to Build This Pac-Man Game in Flutter

Project Setup:

- Initialize a Flutter project with `flutter create pacman_game`.
- Install dependencies (flame, provider, flutter_sound).

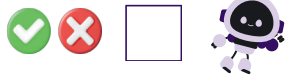
Game UI & Movement System:

- Design a grid-based maze with walls and paths.
- Implement Pac-Man movement using swipe gestures or virtual buttons.

Ghost AI System:

- Program ghosts that move randomly or chase Pac-Man.
- Use different ghost behaviors to add difficulty.

CWI TASK : 96
SCORE:10/



PAC-MAN GAME (FUNCTIONAL) – FLUTTER (MOBILE APP)

**DURATION: 2
DAYS**

- ◆ Scoring System:
 - Add points when Pac-Man eats dots in the maze.
 - Show score and lives remaining at the top.
- ◆ Power-Ups & Game Logic:
 - Implement power pellets that allow Pac-Man to eat ghosts for a limited time.
 - Track lives and end the game when Pac-Man is caught.
- ◆ Sound Effects & Music (Free API - Flutter Sound):
 - Add sound effects for eating dots, ghosts, and power-ups.
 - Include background music for an immersive experience.
- ◆ Leaderboards (Optional - Free API - Firebase Firestore):
 - Allow players to save their high scores online.
 - Display a global leaderboard for top players.
- ◆ Game Over & Restart System:
 - Show a "Game Over" screen when Pac-Man loses all lives.
 - Include a restart button to play again.
- ◆ Testing & Deployment:
 - Verify Pac-Man movement, ghost AI, scoring, and power-ups.
 - Ensure smooth gameplay on both Android & iOS.

📋 Checklist

- ✓ A Flutter mobile app with a Pac-Man-style game interface.
- ✓ Maze-based movement system for Pac-Man.
- ✓ Ghost AI that moves randomly or chases Pac-Man.
- ✓ Scoring system for collecting dots and power-ups.
- ✓ Sound effects and music using Flutter Sound API.
- ✓ Leaderboard system (optional - Firebase Firestore).
- ✓ Game-over and restart system.

📁 GitHub Requirement

📌 Upload your Pac-Man Game (Flutter) project to GitHub with a README.md explaining the features and setup instructions.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just completed my Pac-Man game in Flutter! Who's ready to beat my high score? 🎮🔥"

🔗 Clone Link: [Clone Link]

🔗 GitHub Repository: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #GameDevelopment #PacmanClone

CWI TASK : 97
SCORE:10/



RABBIT WEBSITE CLONE (FLUTTER APP)

**DURATION: 1
DAY**

Objective

Develop a task outsourcing app where users can post, accept, and complete tasks seamlessly.

Features

- Task Posting & Bidding – Users list tasks, service providers apply.
- User Authentication – Secure login with Firebase Auth.
- Real-Time Chat – Instant messaging via Socket.io.
- Push Notifications – Get task updates via Firebase Cloud Messaging.
- Ratings & Reviews – Rate service providers post-task completion.
- Payment System (Optional) – Secure transactions via Stripe API.

Free APIs Used

- ◆ Firebase Firestore – Store tasks & user data.
- ◆ Firebase Auth – Secure login/signup.
- ◆ Firebase Cloud Messaging – Task alerts & updates.
- ◆ Socket.io – Real-time chat for discussions.
- ◆ Stripe API (Optional) – Payment processing.

GitHub Requirement

Upload your Rabbit Clone project to GitHub with a README.md.

Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a task outsourcing app in Flutter! Post, hire, and get work done easily. 🚀"

Clone Link: [Clone Link]

GitHub: [GitHub Link]

#rehancingwithai #codingwithai #Flutter #TaskApp #RabbitClone

CWI TASK : 98
SCORE:10/



TALK TUBE CLONE (FLUTTER APP)

**DURATION: 1
DAY**

Objective

Develop a live talk streaming and communication app for real-time voice and video interactions.

Features

- ✓ Live Audio & Video Streaming – Seamless real-time conversations.
- ✓ User Authentication – Secure login via Firebase Auth.
- ✓ Live Chat System – Instant messaging during streams.
- ✓ Push Notifications – Get alerts for live sessions.
- ✓ Public & Private Rooms – Host and join live discussions.

Free APIs Used

- ◆ WebRTC API – Real-time video and audio streaming.
- ◆ Firebase Auth – Secure user authentication.
- ◆ Firebase Firestore – Store chat and session data.
- ◆ Socket.io – Real-time messaging.
- ◆ Firebase Cloud Messaging – Push notifications.

GitHub Requirement

Upload your Talk Tube Clone project to GitHub with a README.md.

Facebook, Instagram, YouTube, LinkedIn Caption

"Built a live talk streaming app in Flutter! Connect, chat, and go live anywhere.

Clone Link: [Clone Link]

GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #LiveStreaming #TalkTubeClone

CWI TASK : 99
SCORE:10/



DUOLINGO CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

🎯 Objective

Develop a language learning app inspired by Duolingo, allowing users to learn multiple languages through interactive lessons and exercises.

🔧 Features

- ✓ Language Selection – Choose from multiple languages to learn.
- ✓ Interactive Lessons – Fun exercises like quizzes, listening, and speaking.
- ✓ User Authentication – Secure login via Firebase Auth.
- ✓ Progress Tracking – Earn points and track learning streaks.
- ✓ Push Notifications – Daily reminders and language tips.

📌 Free APIs Used

- ◆ LibreTranslate API – Free text translation between languages.
- ◆ Google Text-to-Speech API – Convert text to spoken words for pronunciation.
- ◆ Google Speech-to-Text API – Recognize user speech for practice.
- ◆ Firebase Firestore – Store user progress & language preferences.
- ◆ Firebase Auth – Secure user login and profile management.
- ◆ Firebase Cloud Messaging – Push notifications for learning reminders.

📁 GitHub Requirement

📌 Upload your Duolingo Clone (Mobile) project to GitHub with a README.md.

📢 Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a language learning app in Flutter! Master new languages with interactive lessons. 🌍📖🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #LanguageLearning #DuolingoClone

CWI TASK : 100
SCORE:10/



100 DOLLAR INTERN – JOB & INTERNSHIP FINDER (FLUTTER APP)

DURATION: 1 DAY

Objective

Develop a job-search and internship-finding app connecting candidates with employers.

Features

- Job & Internship Listings – Browse and apply for opportunities.
- User Authentication – Secure login via Firebase Auth.
- Resume Upload & Profile Management – Showcase skills & experience.
- Application Tracking – Monitor job application status.
- Push Notifications – Get alerts for new job postings.

Free APIs Used

- Firebase Firestore – Store job listings & applications.
- Firebase Auth – Secure user authentication.
- Firebase Storage – Resume and document uploads.
- JSearch API – Fetch job postings (optional).
- Firebase Cloud Messaging – Push notifications.

GitHub Requirement

Upload your 100 Dollar Intern Clone project to GitHub with a README.md.

Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a job-search and internship-finding app in Flutter! Connect with top employers and launch your career. 🚀"

Clone Link: [Clone Link]

GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #JobSearch #InternshipApp

CWI TASK : 101
SCORE:10/



PARKING APP CLONE (FLUTTER APP)

**DURATION: 1
DAY**

🎯 Objective

Develop a parking reservation and finder app to locate and book parking spaces easily.

🔧 Features

- ✅ Find Nearby Parking – GPS-based parking search.
- ✅ Real-Time Availability – Check open parking spots.
- ✅ User Authentication – Secure login via Firebase Auth.
- ✅ Booking & Payment – Reserve parking in advance (optional).
- ✅ Push Notifications – Get reminders and updates.

📌 Free APIs Used

- ◆ Google Maps API – Display & locate parking spots.
- ◆ Firebase Firestore – Store parking locations & bookings.
- ◆ Firebase Auth – Secure user authentication.
- ◆ Stripe API (Optional) – Secure online payments.
- ◆ Firebase Cloud Messaging – Push notifications.

📁 GitHub Requirement

📌 Upload your Parking App Clone project to GitHub with a README.md.

📢 Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a smart parking app in Flutter! Find & book parking easily with real-time availability. 🚗🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #ParkingApp #SmartParking

CWI TASK : 102
SCORE:10/



MUZZ.COM CLONE (FLUTTER APP)

**DURATION: 1
DAY**

🎯 Objective

Develop a Muslim matchmaking and dating app to help users find compatible partners.

🔧 Features

- ✓ Profile Creation – Users can add bio, preferences & pictures.
- ✓ Matchmaking Algorithm – Smart recommendations based on interests.
- ✓ Private & Secure Chat – In-app messaging with privacy controls.
- ✓ Filters & Search – Find matches by location, interests & sects.
- ✓ Push Notifications – Get alerts for new messages & matches.

📌 Free APIs Used

- ◆ Firebase Firestore – Store user profiles & matches.
- ◆ Firebase Auth – Secure user authentication.
- ◆ Firebase Storage – Profile picture uploads.
- ◆ Google Maps API – Location-based matchmaking.
- ◆ Socket.io – Real-time chat & messaging.
- ◆ Firebase Cloud Messaging – Push notifications.

📁 GitHub Requirement

📄 Upload your Muzz.com Clone project to GitHub with a README.md.

📢 Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a Muslim matchmaking app in Flutter! Connect with like-minded people and find meaningful relationships. ❤️🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #MuslimMatchmaking #MuzzClone

CWI TASK : 103
SCORE:10/



YOUTUBE WORKING APP CLONE (FLUTTER APP)

**DURATION: 1
DAY**

🎯 Objective

Develop a video streaming and content-sharing app where users can upload, watch, and interact with videos.

🔧 Features

- ✓ Video Upload & Playback – Watch and share high-quality videos.
- ✓ User Authentication – Secure login via Firebase Auth.
- ✓ Like, Comment & Subscribe – Engage with content.
- ✓ Live Streaming (Optional) – Real-time video broadcasting.
- ✓ Push Notifications – Get updates on new uploads & subscriptions.

📌 Free APIs Used

- ◆ Firebase Firestore – Store video metadata & user interactions.
- ◆ Firebase Auth – Secure user authentication.
- ◆ Firebase Storage – Store and stream uploaded videos.
- ◆ YouTube Data API (Optional) – Fetch trending videos & metadata.
- ◆ Socket.io – Real-time chat for live streaming.
- ◆ Firebase Cloud Messaging – Push notifications for new content.

📁 GitHub Requirement

📌 Upload your YouTube Clone project to GitHub with a README.md.

📢 Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a video streaming app in Flutter! Watch, upload, and engage with amazing content. 📺🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #VideoStreaming #YouTubeClone

CWI TASK : 104
SCORE:10/



BINANCE CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

Objective

Develop a cryptocurrency trading app inspired by Binance, allowing users to buy, sell, and track digital assets.

Features

- Real-Time Crypto Prices – View live price updates & charts.
- User Authentication – Secure login via Firebase Auth.
- Buy & Sell Orders – Execute trades seamlessly.
- Crypto Wallet – Store and manage digital assets.
- Push Notifications – Price alerts & trade updates.

Free APIs Used

- ◆ CoinGecko API – Fetch live crypto prices & market data.
- ◆ Firebase Firestore – Store user portfolios & transaction history.
- ◆ Firebase Auth – Secure user authentication.
- ◆ Firebase Cloud Messaging – Send trade notifications & price alerts.
- ◆ WebSockets – Real-time order book & market data.

GitHub Requirement

Upload your Binance Clone (Mobile) project to GitHub with a README.md.

Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a cryptocurrency trading app in Flutter! Buy, sell, and track digital assets in real-time. 🚀💰"

Clone Link: [Clone Link]

GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #CryptoTrading #BinanceClone

CWI TASK : 105
SCORE:10/



COINBASE CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

🎯 Objective

Develop a cryptocurrency wallet app inspired by Coinbase, allowing users to store, send, receive, and track digital assets securely.

🔧 Features

- ✅ Crypto Wallet – Store and manage multiple cryptocurrencies.
- ✅ Real-Time Market Data – View live price updates & charts.
- ✅ Send & Receive Crypto – Secure transactions with QR scanning.
- ✅ User Authentication – Secure login via Firebase Auth.
- ✅ Push Notifications – Get alerts for price changes & transactions.

📌 Free APIs Used

- ◆ CoinGecko API – Fetch live crypto prices & market data.
- ◆ Firebase Firestore – Store user wallet balances & transactions.
- ◆ Firebase Auth – Secure user authentication.
- ◆ Firebase Cloud Messaging – Send price alerts & transaction updates.
- ◆ WebSockets – Real-time updates for crypto transactions.

📁 GitHub Requirement

📌 Upload your Coinbase Clone (Mobile) project to GitHub with a README.md.

📢 Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a cryptocurrency wallet app in Flutter! Securely store, send, and track digital assets in real-time. 🚀💰"

🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #CryptoWallet #CoinbaseClone

CWI TASK : 106
SCORE:10/



EASYPAISA CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

🎯 Objective

Develop a fintech mobile app inspired by Easypaisa, allowing users to send and receive money, pay bills, and manage transactions securely.

🔧 Features

- ✓ Send & Receive Money – Secure mobile wallet transactions.
- ✓ Bill Payments – Pay utility bills, mobile top-ups, and more.
- ✓ User Authentication – Secure login via Firebase Auth.
- ✓ Transaction History – Track payments and withdrawals.
- ✓ Push Notifications – Get alerts for transactions and offers.

📌 Free APIs Used

- ◆ Firebase Firestore – Store transaction history & user data.
- ◆ Firebase Auth – Secure user authentication.
- ◆ Stripe API (Optional) – Secure online payments.
- ◆ Google Maps API (Optional) – Locate nearby ATMs & agents.
- ◆ Firebase Cloud Messaging – Push notifications for payments & offers.

📁 GitHub Requirement

📁 Upload your Easypaisa Clone (Mobile) project to GitHub with a README.md.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a fintech app in Flutter! Send & receive money, pay bills, and manage transactions easily. 🚀💰"

🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #Fintech #EasypaisaClone

CWI TASK : 107
SCORE:10/



JAZZCASH CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

🎯 Objective

Develop a financial services mobile app inspired by JazzCash, enabling users to send money, pay bills, and manage transactions securely.

🔧 Features

- ✅ Send & Receive Money – Instant mobile wallet transactions.
- ✅ Bill Payments – Pay utility bills, mobile top-ups & more.
- ✅ User Authentication – Secure login via Firebase Auth.
- ✅ Transaction History – View and track all payments.
- ✅ Push Notifications – Alerts for payments, transfers & offers.

📌 Free APIs Used

- ◆ Firebase Firestore – Store user transactions & account data.
- ◆ Firebase Auth – Secure login for users.
- ◆ Stripe API (Optional) – Online payment processing.
- ◆ Google Maps API (Optional) – Locate nearby ATMs & JazzCash agents.
- ◆ Firebase Cloud Messaging – Push notifications for transactions & promotions.

📁 GitHub Requirement

📁 Upload your JazzCash Clone (Mobile) project to GitHub with a README.md.

📢 Facebook, Instagram, YouTube, LinkedIn Caption

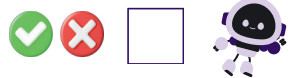
"Just built a financial services app in Flutter! Send money, pay bills, and manage transactions on the go. 🚀💰"

🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancingwithai #codingwithai #Flutter #Fintech #JazzCashClone

CWI TASK : 108
SCORE:10/



SPOTIFY CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

🎯 Objective

Develop a music streaming app inspired by Spotify, allowing users to browse, stream, and create playlists.

🔧 Features

- ✓ Music Streaming – Play songs in real-time.
- ✓ User Authentication – Secure login via Firebase Auth.
- ✓ Playlists & Favorites – Create and save custom playlists.
- ✓ Search & Explore – Discover new artists and genres.
- ✓ Push Notifications – Get alerts for new music & recommendations.

📌 Free APIs Used

- ◆ Spotify Web API (Limited Free Access) – Fetch song metadata & playlists.
- ◆ Deezer API (Alternative) – Stream music & get track details.
- ◆ Firebase Firestore – Store user preferences & playlists.
- ◆ Firebase Auth – Secure user authentication.
- ◆ Firebase Cloud Messaging – Push notifications for new releases.

📁 GitHub Requirement

📌 Upload your Spotify Clone (Mobile) project to GitHub with a README.md.

📢 Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a music streaming app in Flutter! Discover, stream, and enjoy unlimited music.



🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #MusicStreaming #SpotifyClone

CWI TASK : 109
SCORE:10/



BANK OF AMERICA MOBILE APP CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
 DAY**






Objective

Develop a banking and financial management app inspired by the Bank of America, enabling users to manage accounts, transfer funds, and track transactions securely.

Features

- Account Management – View balances & transaction history.
- Fund Transfers – Send money instantly between accounts.
- Bill Payments – Pay utility bills & scheduled payments.
- User Authentication – Secure login via Firebase Auth.
- Push Notifications – Alerts for transactions & account updates.


Free APIs Used


-  Firebase Firestore – Store user account details & transactions.
-  Firebase Auth – Secure login for users.
-  Plaid API (Optional) – Secure bank account integration.
-  Stripe API (Optional) – Payment processing for transactions.
-  Firebase Cloud Messaging – Push notifications for banking alerts.

GitHub Requirement

 Upload your Bank of America Clone (Mobile) project to GitHub with a README.md.

Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a mobile banking app in Flutter! Securely manage accounts, transfer funds, and track transactions. 

 Clone Link: [Clone Link]

 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #MobileBanking #BankAppClone

CWI TASK : 110
SCORE:10/



ALIBABA APP CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

Objective

Develop a B2B e-commerce marketplace app inspired by Alibaba, allowing businesses to buy and sell products globally.

Features

- Product Listings – Browse, search, and view wholesale products.
- User Authentication – Secure login via Firebase Auth.
- Buy & Sell System – Businesses can list & purchase items.
- Secure Payments – Checkout via integrated payment gateway (Optional).
- Push Notifications – Get alerts for orders & promotions.

Free APIs Used

- ◆ Firebase Firestore – Store product listings & user orders.
- ◆ Firebase Auth – Secure user authentication.
- ◆ Firebase Storage – Upload product images & documents.
- ◆ Stripe API (Optional) – Secure online payments.
- ◆ Google Maps API (Optional) – Locate suppliers worldwide.
- ◆ Firebase Cloud Messaging – Push notifications for new deals & orders.

GitHub Requirement

Upload your Alibaba App Clone (Mobile) project to GitHub with a README.md.

Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a B2B e-commerce marketplace app in Flutter! Buy & sell wholesale products with ease.

Clone Link: [Clone Link]

GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #Ecommerce #AlibabaClone

CWI TASK : 111
SCORE:10/



EMIRATES AIR CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

🎯 Objective

Develop a flight booking and airline management app inspired by Emirates, enabling users to search, book, and manage flights.

🔧 Features

- ✅ Flight Search & Booking – Find and reserve flights easily.
- ✅ User Authentication – Secure login via Firebase Auth.
- ✅ Real-Time Flight Tracking – Check flight status & schedules.
- ✅ Secure Payments – Book tickets using integrated payment gateway (Optional).
- ✅ Push Notifications – Get updates on flight changes & promotions.

📌 Free APIs Used

- ◆ AviationStack API – Fetch real-time flight status & schedules.
- ◆ Firebase Firestore – Store booking details & user preferences.
- ◆ Firebase Auth – Secure login for users.
- ◆ Google Maps API (Optional) – Airport location services.
- ◆ Stripe API (Optional) – Secure online payments for ticket bookings.
- ◆ Firebase Cloud Messaging – Push notifications for flight alerts & promotions.

📁 GitHub Requirement

📁 Upload your Emirates Air Clone (Mobile) project to GitHub with a README.md.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a flight booking app in Flutter! Search, book, and manage flights with real-time tracking. ✈️🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #FlightBooking #AirlineApp

CWI TASK : 112
SCORE:10/



SKYSCANNER CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

🎯 Objective

Develop a flight price comparison app inspired by Skyscanner, enabling users to search, compare, and book flights from various airlines.

🔧 Features

- ✓ Flight Search & Comparison – Find the best flight deals.
- ✓ User Authentication – Secure login via Firebase Auth.
- ✓ Filter & Sort Options – Compare flights by price, duration & stops.
- ✓ Secure Bookings – Redirect users to airline booking platforms.
- ✓ Push Notifications – Get price drop alerts & exclusive deals.

📌 Free APIs Used

- ◆ AviationStack API – Fetch flight data & airline schedules.
- ◆ Skyscanner API (Limited Free Access) – Flight price comparisons.
- ◆ Firebase Firestore – Store user search history & preferences.
- ◆ Firebase Auth – Secure login for users.
- ◆ Google Maps API (Optional) – Locate nearby airports.
- ◆ Firebase Cloud Messaging – Push notifications for price alerts & deals.

📁 GitHub Requirement

📁 Upload your Skyscanner Clone (Mobile) project to GitHub with a README.md.

📢 Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a flight price comparison app in Flutter! Find the best travel deals and book flights easily. ✈️🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #FlightComparison #SkyscannerClone

CWI TASK : 113
SCORE:10/



SKYSCANNER CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

🎯 Objective

Develop a real estate listing and property search app inspired by Zameen.com, enabling users to buy, sell, and rent properties.

🔧 Features

- ✓ Property Listings – Browse, search, and filter properties.
- ✓ User Authentication – Secure login via Firebase Auth.
- ✓ Post & Manage Listings – Users can list properties for sale/rent.
- ✓ Contact Agents & Owners – In-app chat & call options.
- ✓ Push Notifications – Get updates on new property listings & deals.

📌 Free APIs Used

- ◆ Firebase Firestore – Store property listings & user profiles.
- ◆ Firebase Auth – Secure login for buyers & sellers.
- ◆ Firebase Storage – Upload property images & documents.
- ◆ Google Maps API – Display property locations & nearby facilities.
- ◆ Socket.io – Real-time chat between buyers & sellers.
- ◆ Firebase Cloud Messaging – Push notifications for new listings & inquiries.

📁 GitHub Requirement

📌 Upload your Zameen.com Clone (Mobile) project to GitHub with a README.md.

📢 Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a real estate app in Flutter! Buy, sell, and rent properties with ease. 🏠🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #RealEstateApp #ZameenClone

CWI TASK : 114
SCORE:10/



CALL ANNIE CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

🎯 Objective

Develop an AI-powered voice and chat assistant app inspired by Call Annie, allowing users to have natural conversations with an AI for assistance and support.

🔧 Features

- ✅ AI Voice & Chat Assistant – Real-time AI-powered responses.
- ✅ User Authentication – Secure login via Firebase Auth.
- ✅ Speech-to-Text & Text-to-Speech – Seamless voice interactions.
- ✅ Conversational Memory – AI retains context during interactions.
- ✅ Push Notifications – Get reminders & AI-powered suggestions.

📌 Free APIs Used

- ◆ OpenAI API (Free Tier) – AI chat responses (GPT-based).
- ◆ Google Speech-to-Text API – Convert voice input to text.
- ◆ Google Text-to-Speech API – Generate AI-powered speech responses.
- ◆ Firebase Firestore – Store chat history & user preferences.
- ◆ Firebase Auth – Secure user authentication.
- ◆ Firebase Cloud Messaging – Push notifications for AI reminders & updates.

📁 GitHub Requirement

📁 Upload your Call Annie Clone (Mobile) project to GitHub with a README.md.

📢 Facebook, Instagram, YouTube, LinkedIn Caption

"Just built an AI-powered voice assistant in Flutter! Chat and talk with an AI anytime. 🤖"



🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #AIAssistant #CallAnnieClone

CWI TASK : 115
SCORE:10/



AUDIBLE CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

Objective

Develop an audiobook streaming app inspired by Audible, allowing users to browse, stream, and listen to audiobooks on the go.

Features

- ✓ Audiobook Streaming – Listen to books anytime, anywhere.
- ✓ User Authentication – Secure login via Firebase Auth.
- ✓ Library & Wishlist – Save favorite audiobooks.
- ✓ Offline Listening (Optional) – Download audiobooks for offline use.
- ✓ Push Notifications – Get recommendations & new book alerts.

Free APIs Used

- ◆ Libre.fm API (Optional) – Fetch free audiobook metadata.
- ◆ Firebase Firestore – Store user preferences & library.
- ◆ Firebase Auth – Secure login for users.
- ◆ Firebase Storage – Store audiobook files (Optional).
- ◆ Google Text-to-Speech API – Convert eBooks into speech.
- ◆ Firebase Cloud Messaging – Push notifications for new releases.

GitHub Requirement

Upload your Audible Clone (Mobile) project to GitHub with a README.md.

Facebook, Instagram, YouTube, LinkedIn Caption

"Just built an audiobook streaming app in Flutter! Listen to your favorite books anytime, anywhere.

Clone Link: [Clone Link]

GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #Audiobooks #AudibleClone

CWI TASK : 116
SCORE:10/



GOOGLE TRANSLATE CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

🎯 Objective

Develop a text and voice translation app inspired by Google Translate, allowing users to translate text and speech between multiple languages.

🔧 Features

- ✓ Text Translation – Instantly translate text between languages.
- ✓ Voice Translation – Speak and translate in real time.
- ✓ User Authentication – Secure login via Firebase Auth (Optional).
- ✓ Offline Mode (Optional) – Translate without internet.
- ✓ Push Notifications – Get language learning tips & updates.

📌 Free APIs Used

- ◆ LibreTranslate API – Free text translation between multiple languages.
- ◆ Google Speech-to-Text API – Convert spoken words into text.
- ◆ Google Text-to-Speech API – Read translated text aloud.
- ◆ Firebase Firestore – Store user translation history.
- ◆ Firebase Auth – Secure login for saved translations (Optional).
- ◆ Firebase Cloud Messaging – Push notifications for language tips.

📁 GitHub Requirement

📁 Upload your Google Translate Clone (Mobile) project to GitHub with a README.md.

🗣️ Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a translation app in Flutter! Instantly translate text & speech in multiple languages. 🌍🚀"

🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancingwithai #codingwithai #Flutter #TranslationApp #GoogleTranslateClone

CWI TASK : 117
SCORE:10/



HAR.COM CLONE (FLUTTER APP - MOBILE VERSION)

**DURATION: 1
DAY**

🎯 Objective

Develop a real estate property search app inspired by Har.com, allowing users to browse, list, and inquire about properties.

🔧 Features

- ✓ Property Listings – Search and filter properties for sale & rent.
- ✓ User Authentication – Secure login via Firebase Auth.
- ✓ Post & Manage Listings – Users can list properties with details & images.
- ✓ Real-Time Chat – Direct messaging between buyers & sellers.
- ✓ Push Notifications – Get alerts for new listings & price changes.

📌 Free APIs Used

- ◆ Firebase Firestore – Store property listings & user preferences.
- ◆ Firebase Auth – Secure login for buyers & sellers.
- ◆ Firebase Storage – Upload & manage property images.
- ◆ Google Maps API – Show property locations on a map.
- ◆ Socket.io – Real-time chat between buyers & agents.
- ◆ Firebase Cloud Messaging – Push notifications for property updates.

📁 GitHub Requirement

📁 Upload your Har.com Clone (Mobile) project to GitHub with a README.md.

📢 Facebook, Instagram, YouTube, LinkedIn Caption

"Just built a real estate search app in Flutter! Buy, sell, and rent properties with ease. 🏠"



🔗 Clone Link: [Clone Link]

🔗 GitHub: [GitHub Link]

#rehancodingwithai #codingwithai #Flutter #RealEstateApp #HarClone

JoiningDate:_____

FINAL REPORT SHEET

Task Name	Task ID	Duration	Type	Status	Score
Google Meet Clone (Functional)	CWI TASK: 83	1 Day	Web-Based		10/
StreamYard Clone (Functional)	CWI TASK: 84	1 Day	Web-Based		10/
Google Search Clone (Functional)	CWI TASK: 85	1 Day	Web-Based		10/
ChatGPT Clone (Functional)	CWI TASK: 86	3 Days	Flutter App		10/
WhatsApp Clone (Functional)	CWI TASK: 87	3 Days	Flutter App		10/
Microsoft Copilot Clone (Functional)	CWI TASK: 88	2 Days	Flutter App		10/
Twitter Clone (Functional)	CWI TASK: 89	2 Days	Flutter App		10/
LinkedIn Clone (Functional)	CWI TASK: 90	2 Days	Flutter App		10/
Instagram Clone (Functional)	CWI TASK: 91	2 Days	Flutter App		10/
Facebook Clone (Functional)	CWI TASK: 92	2 Days	Flutter App		10/
Pinterest Clone (Functional)	CWI TASK: 93	2 Days	Flutter App		10/
Snapchat Clone (Functional)	CWI TASK: 94	2 Days	Flutter App		10/
Tic-Tac-Toe Game (Functional)	CWI TASK: 95	2 Days	Flutter App		10/
Pac-Man Game (Functional)	CWI TASK: 96	2 Days	Flutter App		10/
TaskRabbit Clone (Functional)	CWI TASK: 97	1 Day	Flutter App		10/
TalkTube Clone (Functional)	CWI TASK: 98	1 Day	Flutter App		10/
Duolingo Clone (Functional)	CWI TASK: 99	1 Day	Flutter App		10/
100 Dollar Intern Clone (Job Finder)	CWI TASK: 100	1 Day	Flutter App		10/

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Parking App Clone (Flutter App)	101	1 Day	Flutter App		10/
Muzz.com Clone (Flutter App)	102	1 Day	Flutter App		10/
YouTube Working App Clone (Flutter App)	103	1 Day	Flutter App		10/
Binance Clone (Flutter App - Mobile Version)	104	1 Day	Flutter App		10/
Coinbase Clone (Flutter App - Mobile Version)	105	1 Day	Flutter App		10/
Easypaisa Clone (Flutter App - Mobile Version)	106	1 Day	Flutter App		10/
JazzCash Clone (Flutter App - Mobile Version)	107	1 Day	Flutter App		10/
Spotify Clone (Flutter App - Mobile Version)	108	1 Day	Flutter App		10/
Bank of America Mobile App Clone	109	1 Day	Flutter App		10/
Alibaba App Clone (Flutter App - Mobile Version)	110	1 Day	Flutter App		10/
Emirates Air Clone (Flutter App - Mobile Version)	111	1 Day	Flutter App		10/
Skyscanner Clone (Flutter App - Mobile Version)	112	1 Day	Flutter App		10/
Zameen.com Clone (Flutter App - Mobile Version)	113	1 Day	Flutter App		10/
Call Annie Clone (Flutter App - Mobile Version)	114	1 Day	Flutter App		10/
Audible Clone (Flutter App - Mobile Version)	115	1 Day	Flutter App		10/
Google Translate Clone (Flutter App - Mobile)	116	1 Day	Flutter App		10/
Har.com Clone (Flutter App - Mobile Version)	117	1 Day	Flutter App		10/
Total					

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Conclusion

Congratulations on completing Book 8! 🎉

Throughout this journey, you have built, tested, and deployed real-world applications, including Google Meet, WhatsApp, Instagram, and interactive games like Pac-Man and Tic-Tac-Toe. You've gained hands-on experience in web and mobile development, API integration, and AI-assisted coding, making you a stronger and more confident developer.

But remember, learning never stops! 🚀 Keep refining your projects, experimenting with new features, and sharing your work on GitHub and social media. The more you build, the more you grow!

What's Next?

- ✅ Customize & Enhance Your Projects – Make them unique with new features.
- ✅ Share Your Work – Post your achievements on Facebook, Instagram, YouTube, and LinkedIn.
- ✅ Keep Learning – Explore new AI tools, frameworks, and technologies.

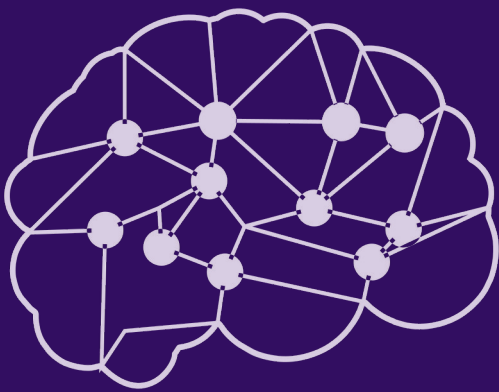
📌 This is just the beginning! Keep coding, keep innovating, and most importantly—keep building! 🔥

🚀 See you in the next challenge! 💡



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