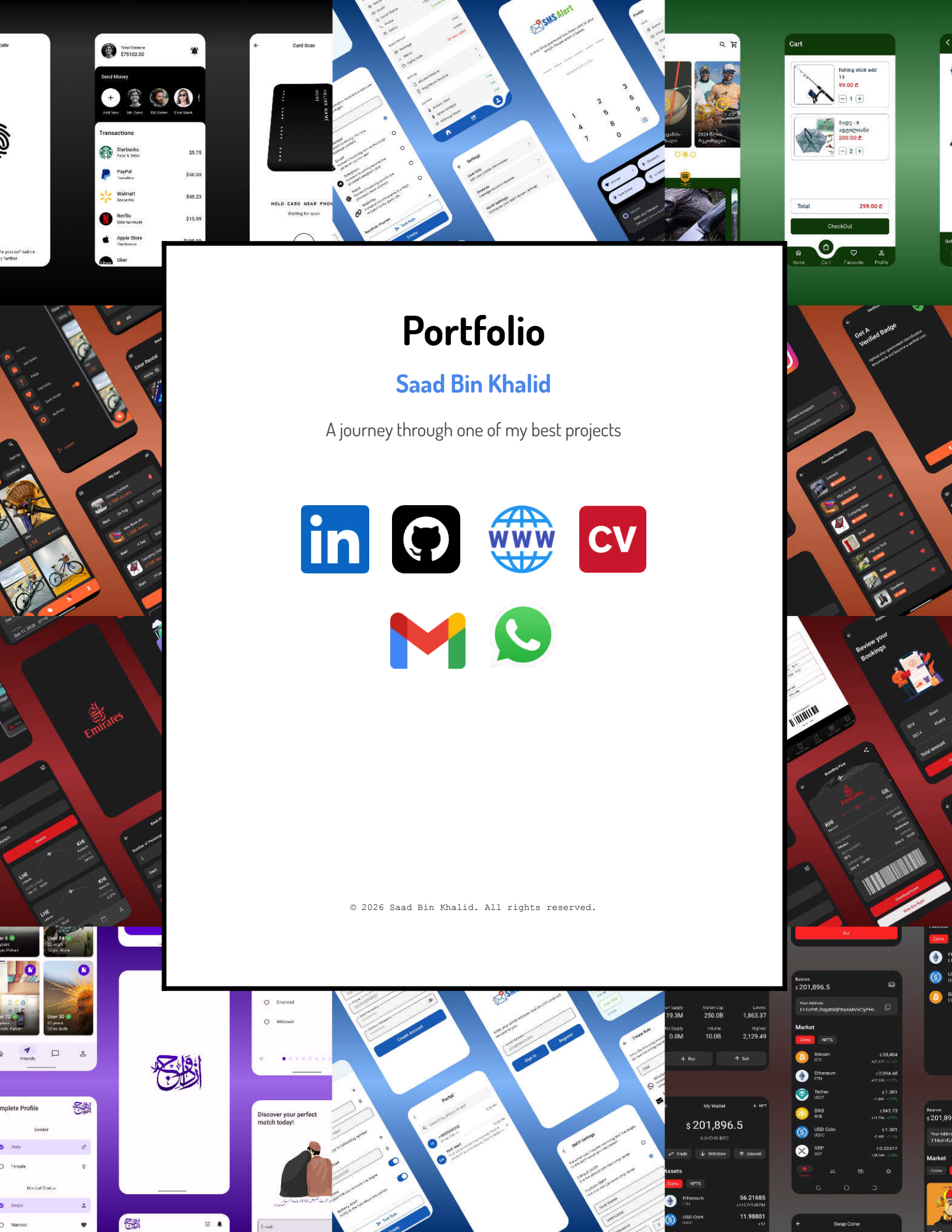
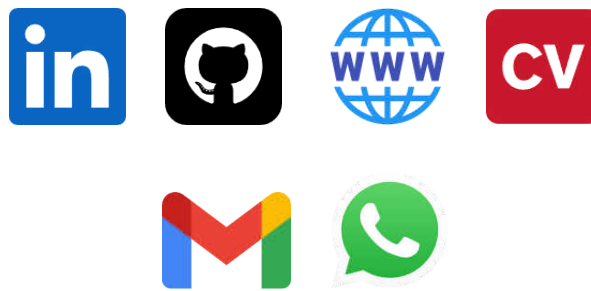




Portfolio

Saad Bin Khalid

A journey through one of my best projects



© 2026 Saad Bin Khalid. All rights reserved.

TABLE OF CONTENTS

Apps

Rented Local.....	3
Emirates App.....	4
Pay It.....	5
GDSC App.....	6
Crypto Exchange.....	7
SMS Alert.....	8
Guns Gallery.....	9
Izdiwaj.....	10

Websites

PonoAI.....	11
Places Scraper.....	12
Jovy Tools.....	13
Graphs UI.....	14

Artificial Intelligence

Crypto Agent.....	15
Code Clone Detection.....	16



Rented Local

#Flutter #Firebase #NodeJS #Stripe #MetaAPI

A peer-to-peer e-commerce app to rent spare products and earn extra income.

Features

- Rent products for daily, weekly, or monthly periods.
- Receive payouts directly using Stripe Connect.
- Personalize the marketplace with selected categories.
- Trust is ensured through Instagram integration.
- Frauds are reduced with user verifications.

Origin

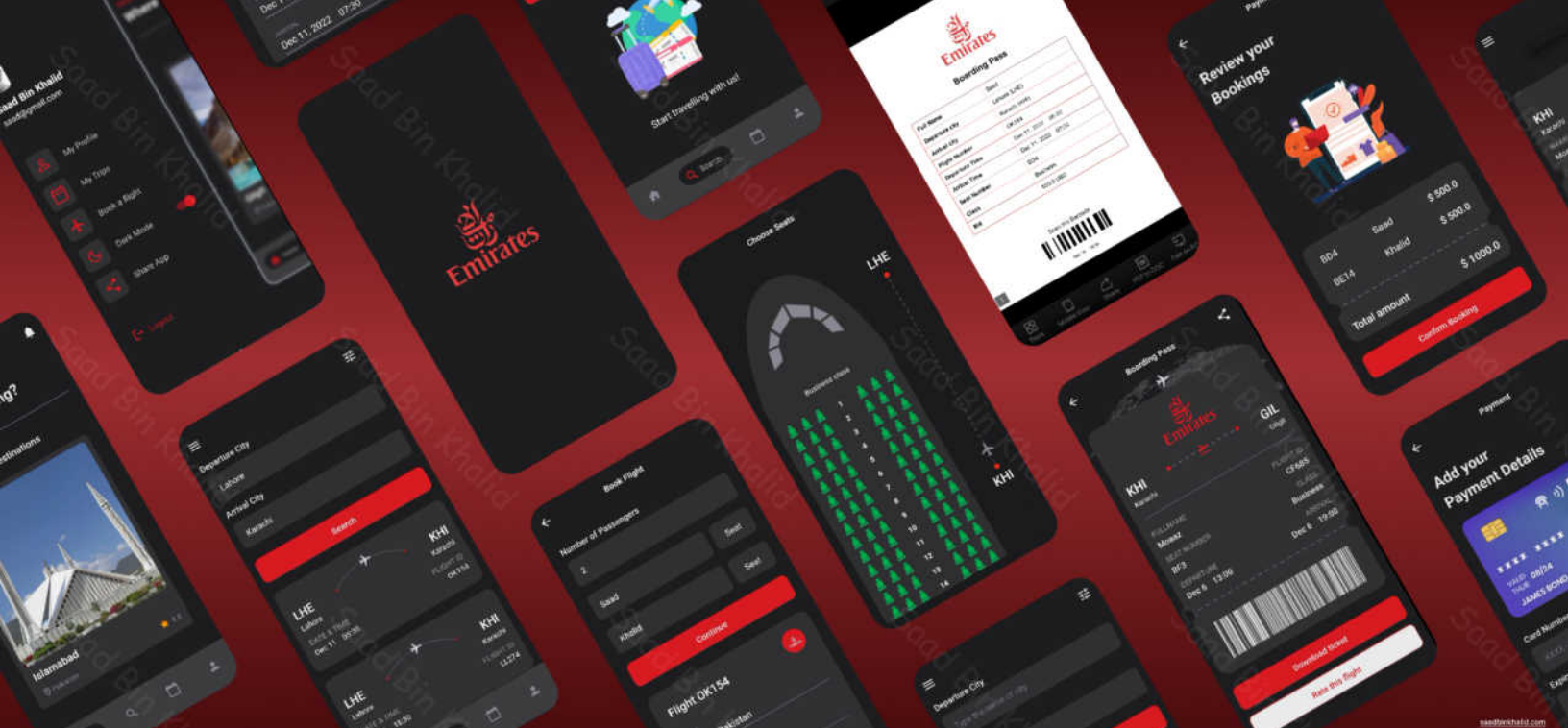
A remote freelance project for a client from Canada.

Background

The app is founded by a local photographer who frequently rents cameras and other gears.



JAN 2023 - JAN 2025



Emirates App

#Flutter #Supabase #CleanArchitecture

A mock flight booking app for Emirates Airline.

Features

- Search for available flights.
- Book seats for multiple passengers.
- Generate tickets in shareable PDFs.
- Track yourself with upcoming trips & flights history.
- Beautiful animations and transitions.

Origin

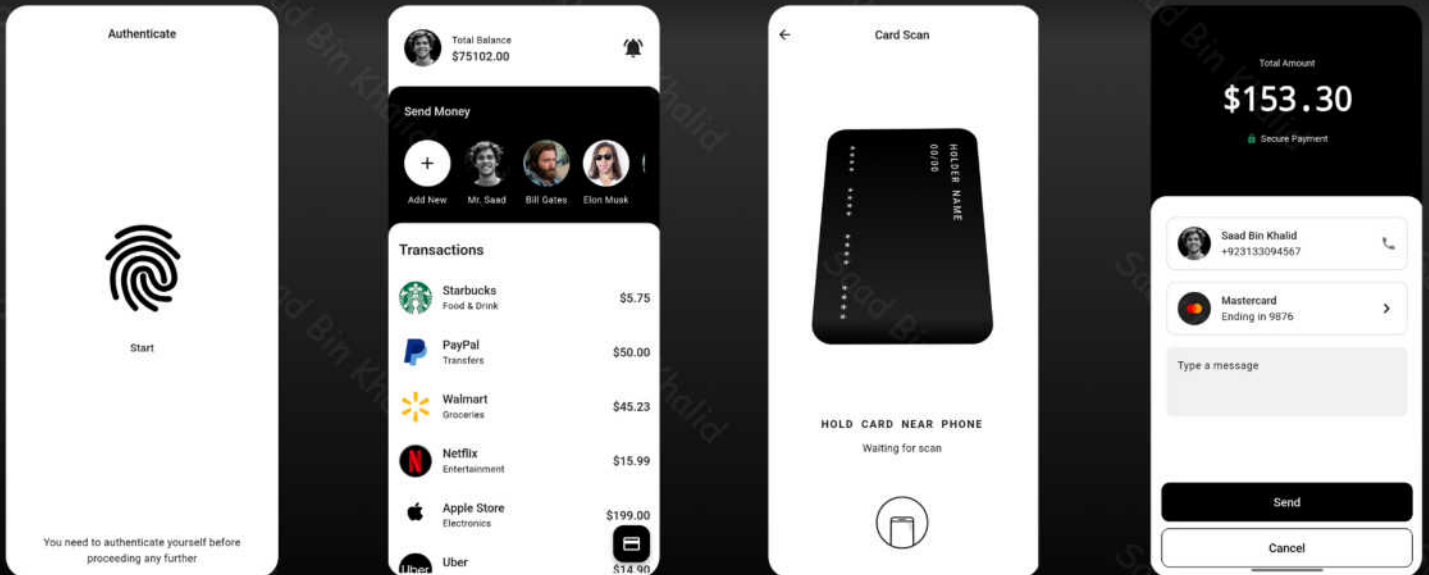
An academic project for the course of “Database Systems” in university.

Background

The app employs common use cases of SQL like CRUD requests, joins, and normalizations through the cloud SQL database of Supabase.



DEC 2022



Pay It

#Flutter #Firebase #Kotlin #NFC

An EMV card reader app implemented through NFC sensors. Tap your card on mobile to read details like PAN, expiry date, card network and more.

Features

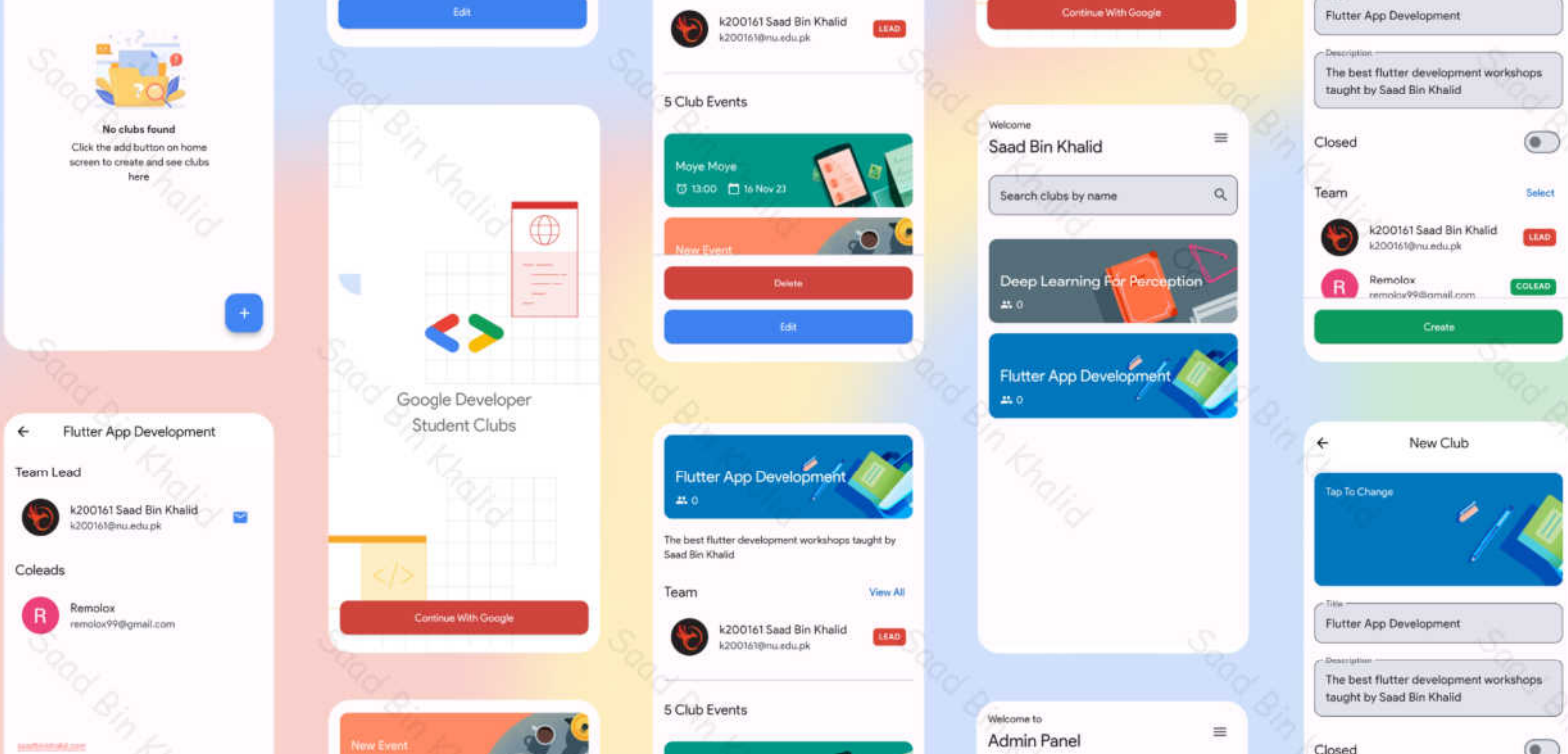
- Native NFC listeners and activities in Kotlin.
- Biometric authentication for protection.
- Secure transactions in sandbox.
- Notifications working with FCM.
- Beautiful animations and transitions.

Origin

A proof-of-concept project for a bank to see what is feasible for future projects.



JAN 2025



GDSC App

#Flutter #Firebase

An app to manage activities of Google Developer Student Clubs (GDSC) at my university.

Features

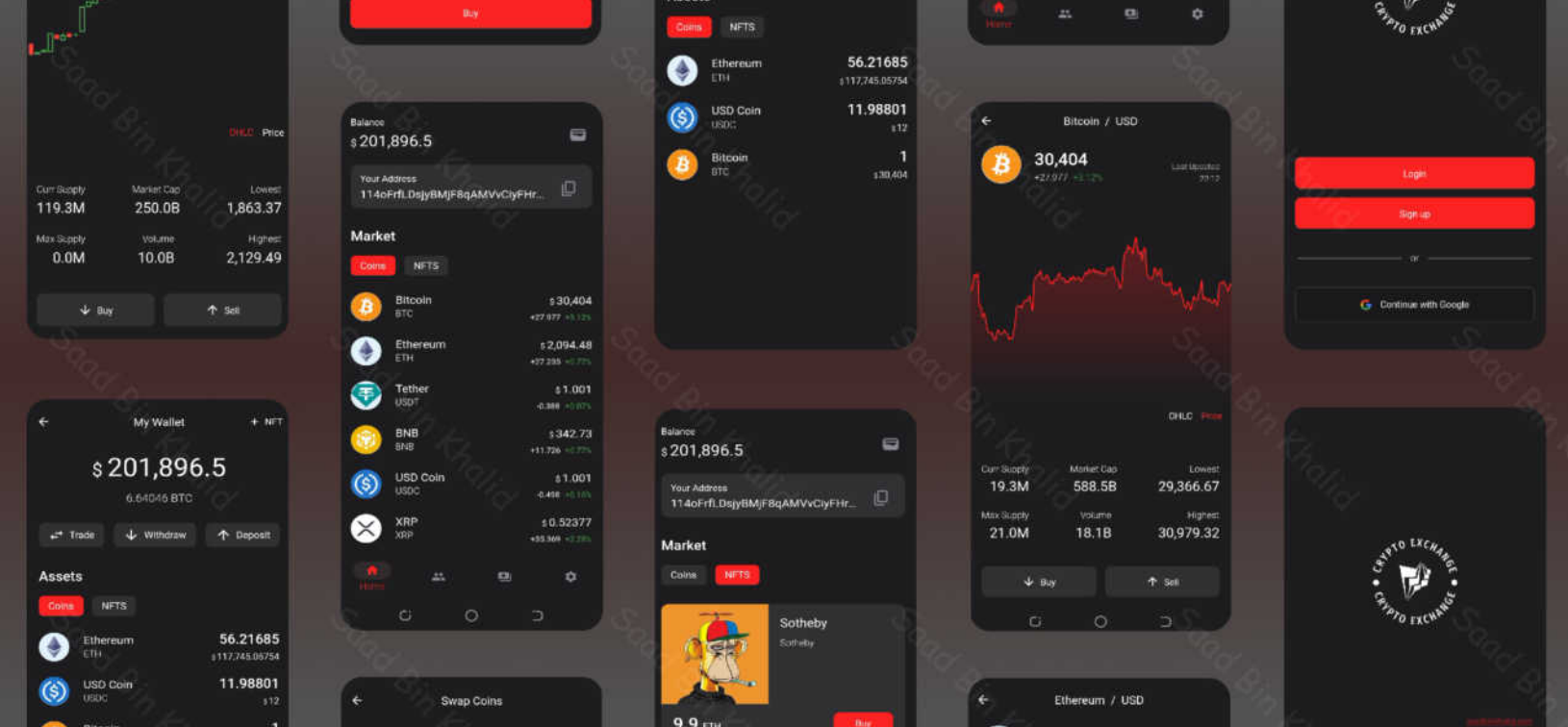
- Authenticate only with @nu.edu.pk emails.
- Browse or create clubs and events.
- Manage teams of leads, co-leads, and members
- Mark attendances for members.

Origin

As the App Lead at GDSC, I created this app to address communication and management challenges of the community.



DEC 2023



Crypto Exchange

#Flutter #Firebase #CoinGecko #MetaMask

A mock cryptocurrency app made with CoinGecko APIs.

Features

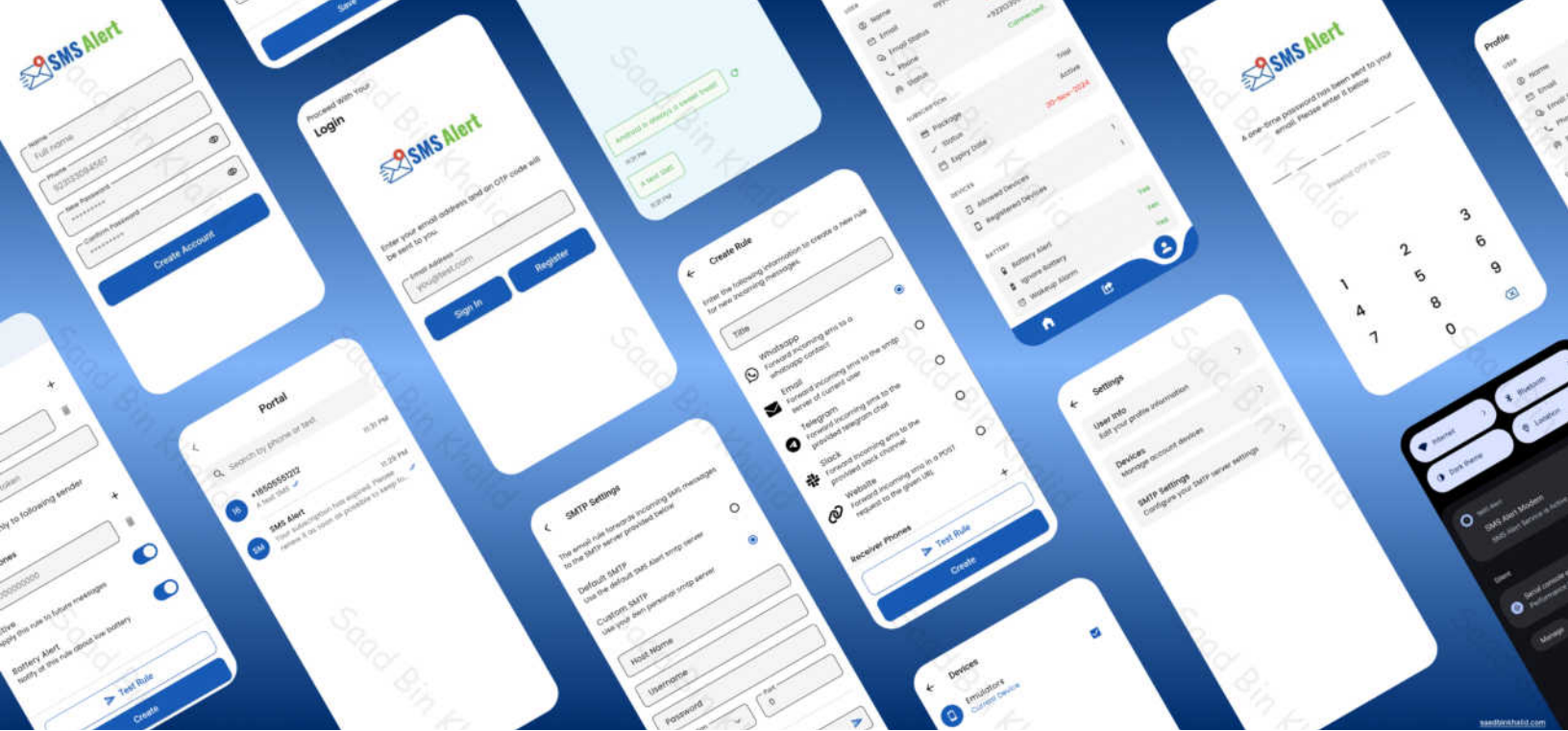
- Beautiful graphs of prices and OHLCV data.
- Exchange and Stake cryptocurrencies.
- Buy NFTs from the marketplace.
- Sync active wallets with MetaMask.

Origin

An academic project for a course of “Software Engineering”.



JAN 2023



SMS Alert

#Flutter #Kotlin #Laravel #AndroidAPIs

An app to automate management of incoming SMS on your phone.

Features

- Rules to forward incoming SMS to WhatsApp, Email, Slack, Telegram etc.
- Persistent background job to make sure no SMS is missed.
- Critical battery and charging alerts.
- Partial Wake Locks to keep the job alive.

Origin

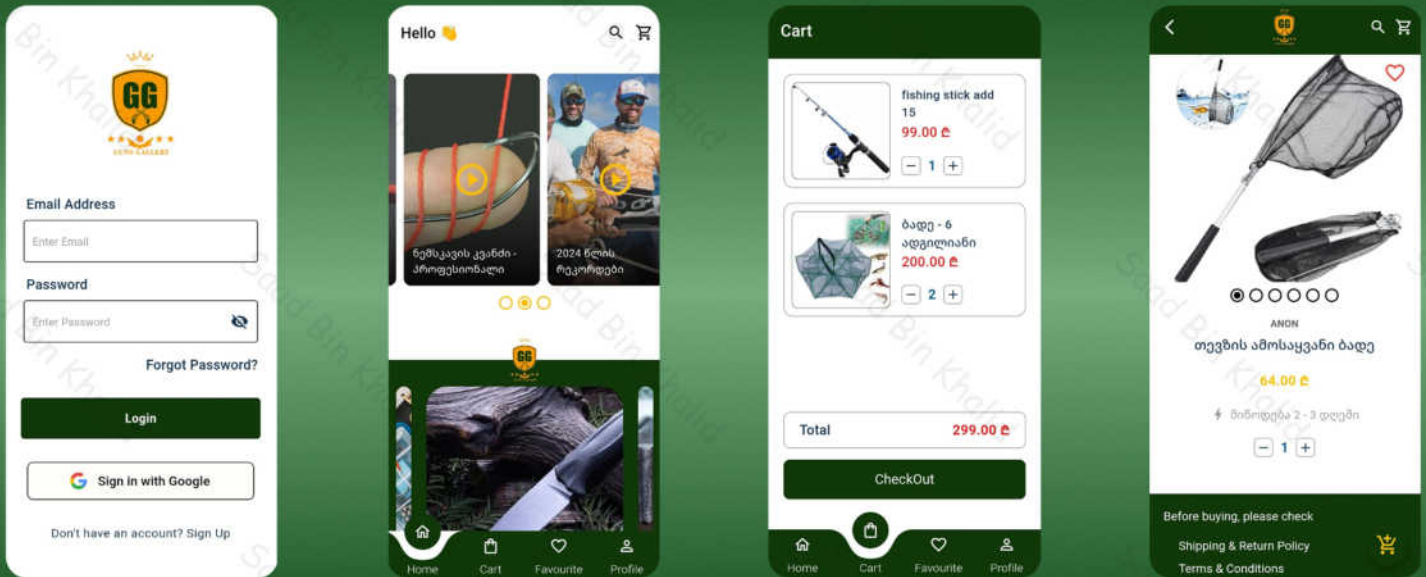
A remote freelance project for a client from Pakistan.

Background

The app automates the process of filtering and forwarding 100s of incoming SMS to external social media channels of the user. The real challenge was to keep the background service alive while avoiding OS restrictions.



SEP 2024



Guns Gallery

#Flutter #Firebase #NodeJS #WordPress

A shopping app for fishing gear, camping tents, hunting rifles, and a wide range of other outdoor products.

Features

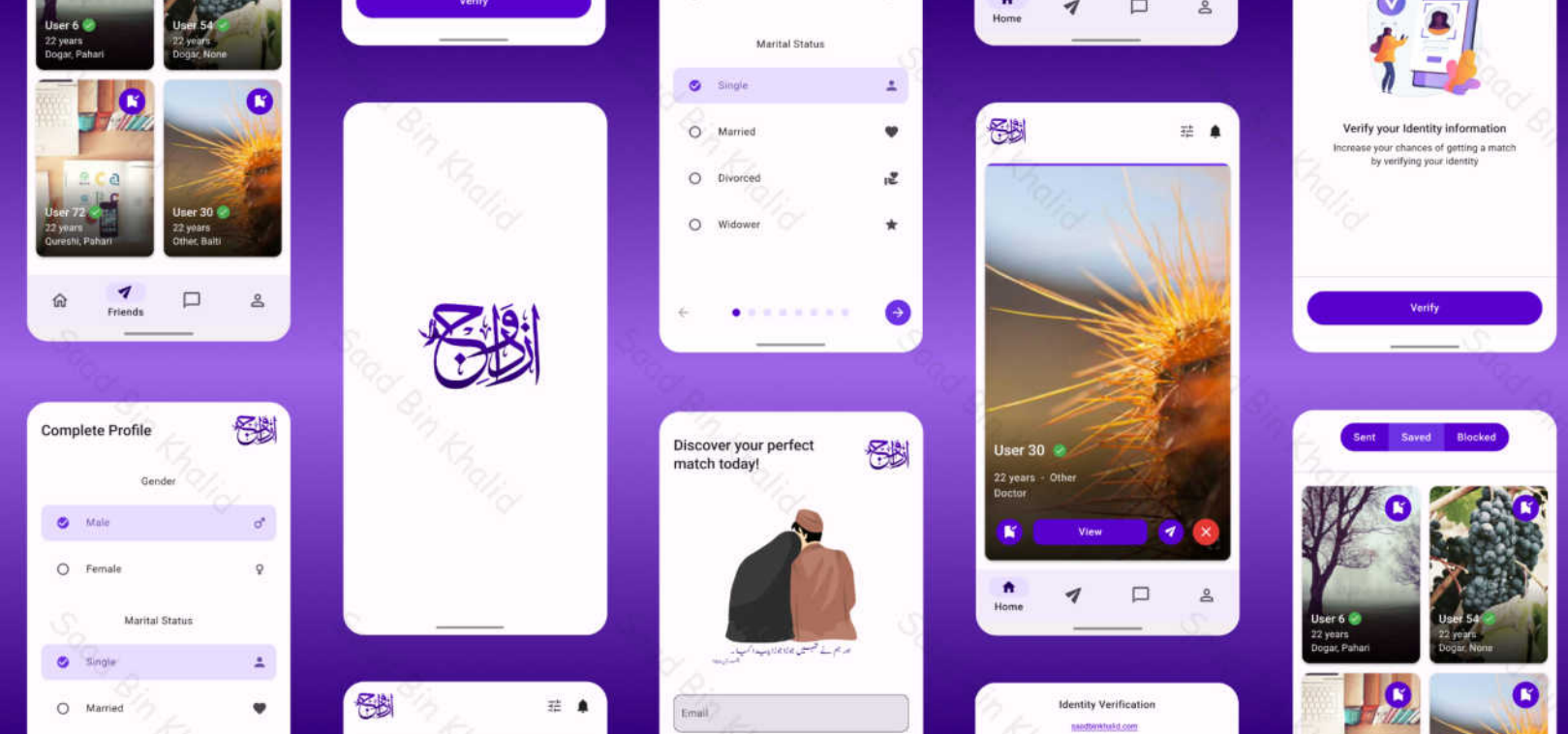
- Integration with WordPress APIs.
- Firebase for notifications and optimizations.
- Firebase is always synced with WordPress databases.

Origin

A remote freelance project for a client from Georgia.



JULY 2024



Izdiwaj

#Flutter #Firebase #NodeJS #VertexAI

An Islamic match-making app to find your soulmates.

Features

- Reactive and self-learning content-based recommendation system.
- Multiple layers of user and document verifications.
- Real-time chats and notifications.
- Only women can browse profiles and send requests.
- Admins can view user reports and complaints.

Origin

A remote freelance project for a client from Pakistan.

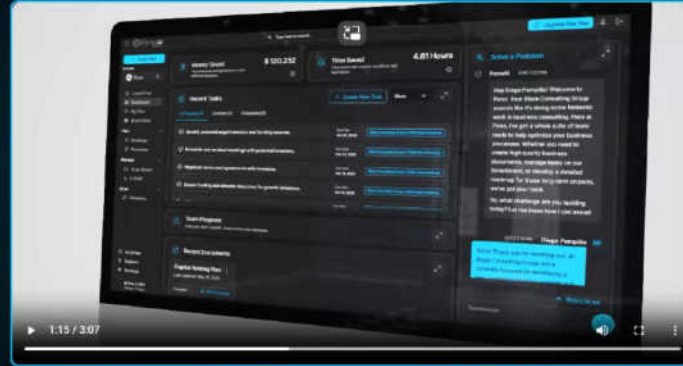
Background

The app focuses on protecting the privacy of women when it comes to match-making in Pakistan. Their profiles are visible only to requested users who have gone through a rigorous process of manual verifications.

AUG 2023 - JAN 2024

Finally, an AI that **actually** runs your business

An AI-powered business execution platform that streamlines your planning, documentation, and daily operations.



Get Started. It's FREE

PonoAI

#Flutter #Firebase #NodeJS #OpenAI

An AI powered business execution and automation platform. The product serves growing companies that want to move fast with a small team and saves hundreds of hours daily.

Features

- Generation of business documents e.g. proposals, reports, finances.
- Personalized chat assistants with clear roles e.g. Financial Officer.
- Step-by-step roadmaps with a clear goal and achievable milestones.
- Asana-like Kanban boards for project management.

Origin

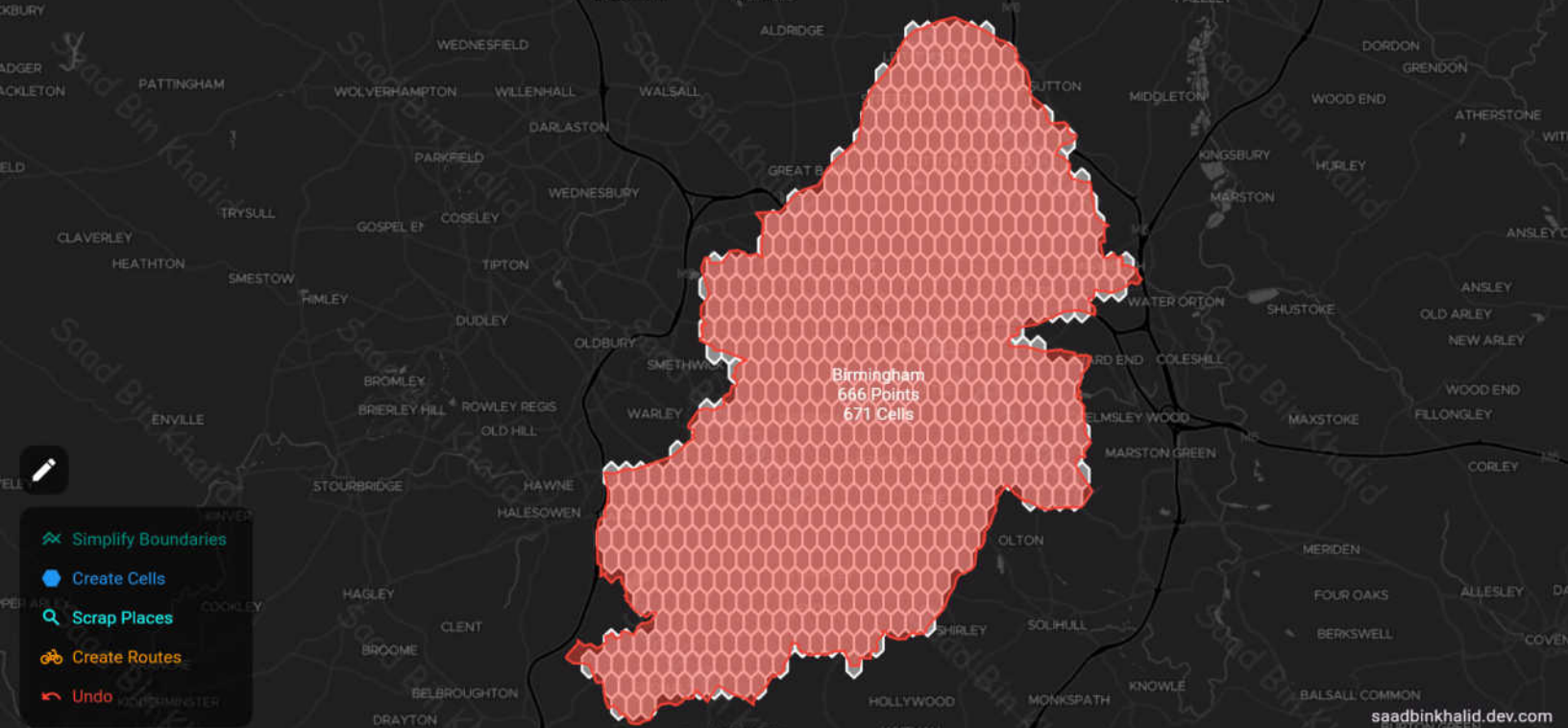
An enterprise project developed in a remote company.

Videos

 [Documents](#)  [Roadmaps](#)  [Smartboards](#)  [Smartcard](#)  [AI Staff](#)



JAN 2024 - MAY 2025



Places Scrapper

#Flutter #Firebase #NodeJS

A website to showcase my solution strategy used in [NokNokAI](#) to escape the limitations of Google Places API and scrape businesses from a large geo-region, like a city.

Features

- Create and simplify boundaries of different regions.
- Fill regions with a grid of hexagonal cells.
- Search for Google Places in each cell.
- Group nearby places together in a visit route.

Origin

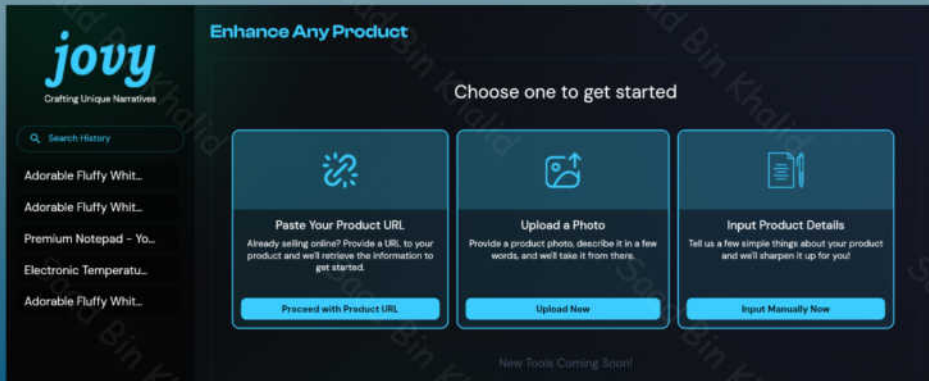
An enterprise project developed in a remote company.

Background

It is a limited version of the original platform and includes random data for illustration purposes only.



OCT 2025



Brand Voice

Business Name

DogFood

Tell Us About Your Business

Give us a brief overview of your business. What do you offer, and who are your main customers?

What Makes Your Business Unique

Describe what sets your business apart from competitors. What is your unique selling proposition?

Our Values and Customer Experience

Share the core values or philosophy behind your business and the kind of experience you aim to provide to your customers.

Business Category

Define your business category to better understand your target market. These characteristics will help personalize your descriptions and connect with your buyers on a deeper level.

Add

Jovy Tools

#Flutter #NodeJS #Stripe #OpenAI

A web app to craft high-quality and SEO optimized product descriptions.

Features

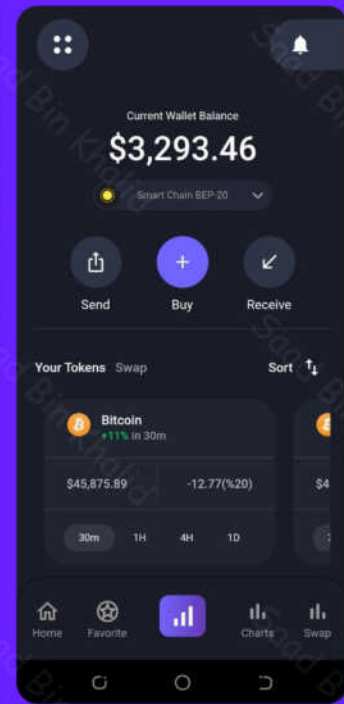
- Supports manual entry, image-based input, or product URL.
- OpenAI assistants and threads for generating descriptions.
- Uses brand voice and business information to personalize the results.
- Subscriptions are integrated with Stripe.

Origin

A project developed in a remote company.



FEB 2024

Graphs UI

#Flutter

A simple set of beautiful graphs to showcase UI and animation skills.

Origin

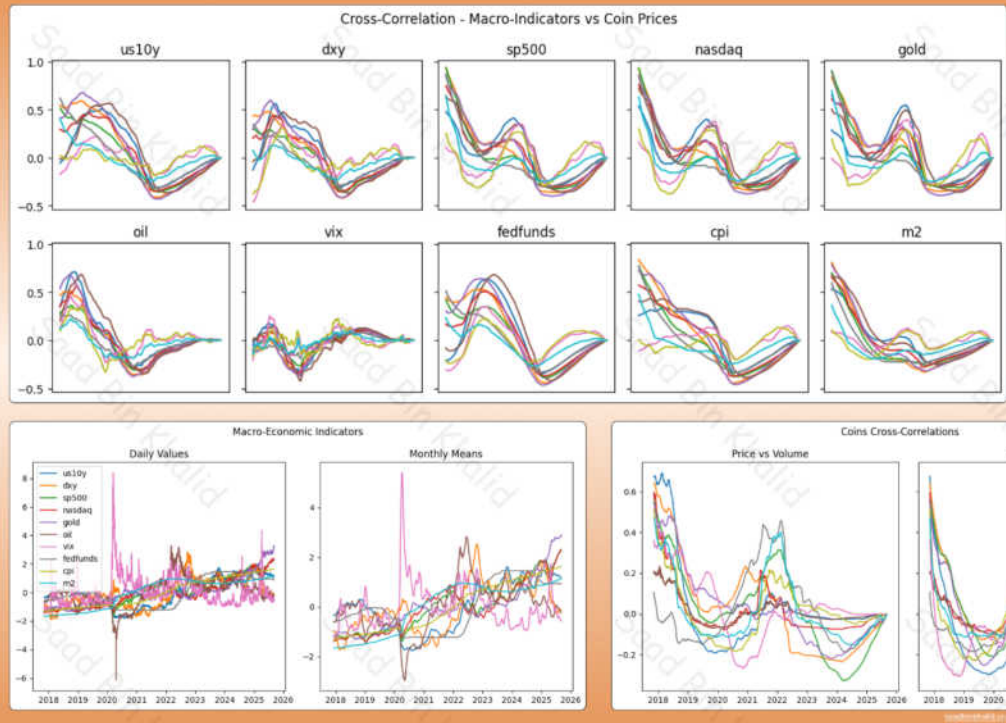
A proof-of-concept for a freelance client to mimic and implement designs from Dribbble.

Designs

- <https://dribbble.com/shots/19562460-Smartcredit-Borrow-crypto>
- <https://dribbble.com/shots/16469084-Crypto-Dashboard>
- <https://dribbble.com/shots/16753965-Login-Sign-up-Dark-Mode-AW-Universal-Page>
- <https://dribbble.com/shots/17463994-Crypto-Wallet-Shot-Dark-Version>



OCT 2022



Crypto Agent

#Python #Transformers #Colab

A model to predict next-day prices of crypto-coins using macro-economic indicators.

Features

- Dataset of 10 major coins and indicators like interest rates, stock indexes, gold etc.
- Temporal Fusion Transformers (TFTs) with Root Mean Square Error (RMSE).
- Achieved **90% accuracy** on a modest T4 GPU under 10 minutes.
- Visualizations to understand how crypto evolves with the market over time.

Origin

A fun side project to explore how cryptocurrencies are influenced by various economic factors. The goal was to get a decent forecast to help me daily with my trade decisions.

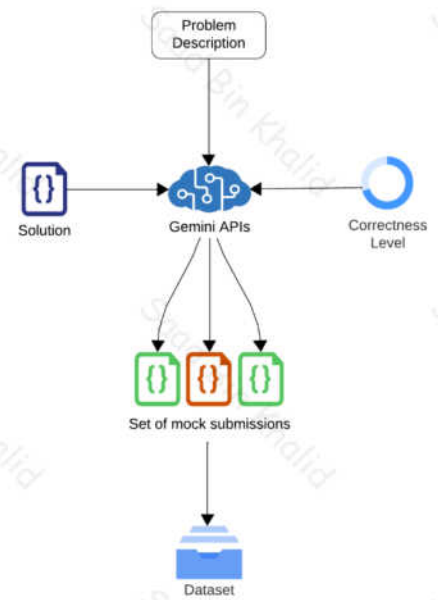
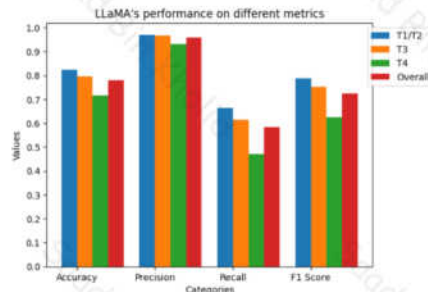
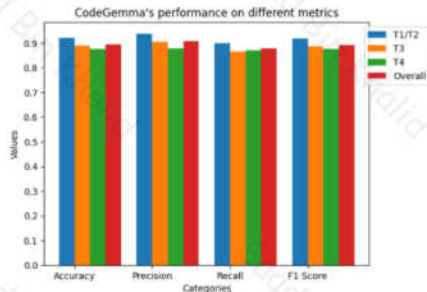
Background

This project quickly attracted attention. Many offered to collaborate and get the study published in a good journal. Right now, I am working with my university professor to draft a research paper and publish it in a good journal.

LLMS

Gemma
codegemma-7b-it

Llama
llama3-8b-it



Code Clone Detection

#Python #LLMs #QLoRa #Colab

Finetuned LLMs that calculate a score between two code snippets based on semantic and logical similarities.

Features

- Created a platform to generate dataset using GeminiAPIs. [Click here.](#)
- Finetuned and compared two models: LLama-3 and CodeGemma..
- Achieved 70% to 90% accuracy on 1200 code pairs from GPTCloneBench dataset.

Origin

My final year project at nu.edu.pk

Background

Manual grading is cumbersome, inconsistent, time-consuming, and error-prone. We propose an innovative automatic AI-based code grader that addresses these challenges.



JUL 2024