

Portfolio

Danyel S

--Expert Android Developer--





My name is
Danyel S

I am a creative
Android Developer

About my passion

I am interested in solving complex problems, especially in the field of software, and I also have a high ability to work in a team,
and I am very serious, precise, and meticulous about what I do.

My skills



Firebase



Android Studio



Android



Android Development



Android SDK



Git



Java



Kotlin



Mvvm Presentation pattern



Clean architecture



jetpack compose



Coroutine



RxJava



Room



Socket.io



Background Services

Speedometer

This app is about

A GPS-based speedometer and odometer tool for real-time speed and distance tracking.

Client

For Next Gen

1

About client

4-NextGen is a Canadian company creating user-focused, high-ROI mobile apps based on market research and tech innovation.

2

What exactly Client needed

The client needed a GPS speedometer and odometer app for accurate real-time speed, distance, and location tracking. Key features included digital and analog displays, speed limit alerts, a HUD, trip history, and offline functionality, all designed for ease of use and long-term user engagement.

3

What I've done for the project

As the Android developer, I focused on enhancing app stability and functionality by fixing bugs, implementing AdMob ads for monetization, integrating Firebase custom event analytics for user insights, and refining subscription logic for a smoother user experience. These updates aligned with the client's goals for engagement, monetization, and user retention.

4

Technologies used

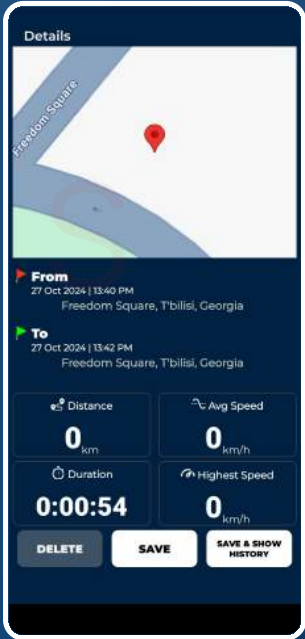
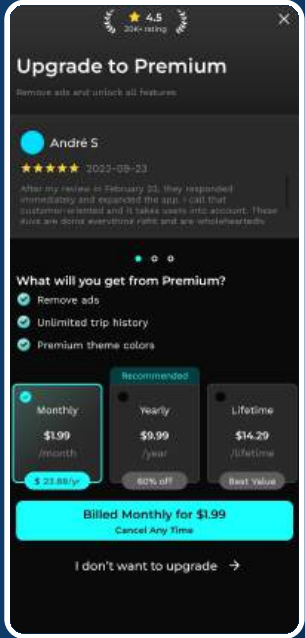
-  Mvvm Architecture
-  GPS
-  Firebase
-  Google map
-  Foreground and bound service
-  Push Notification
-  Room
-  Kotlin
-  In-App Purchase



*Full Screenshots on the next
Page*

2

Speedometer
Screenshots



Translate: Photo, Voice, Text

This app is about

Translate 💎 - the best free translator app of 2023 supporting 100+ languages. 🦄

Client

Appshub Bilgi
Teknolojileri
Limited Sirketi

What I've done for the project

I implemented the client's requested features, including text translation using image scanning via the phone camera through the Google Vision API, and improved translation performance using user-entered text through version 2 of the Google Translate API. I also fixed all bugs and issues that existed in the application.

About client

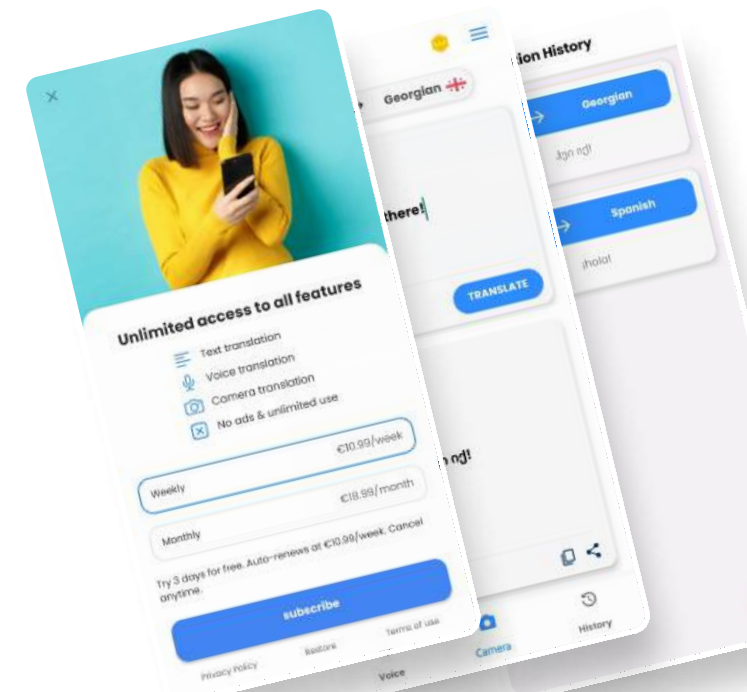
The client for this project was Appshub, a company based in Turkey, primarily focused on developing Mobile applications for release on Google Play and the App Store, with the aim of generating revenue through subscription sales or AdMob advertisements.

What exactly Client needed

The client requested that features be added to the application to help users translate their texts more easily. One of these features was the ability for users to scan a photo with their phone's camera, allowing the app to extract the text from the image and translate it, either word by word or even sentence by sentence.

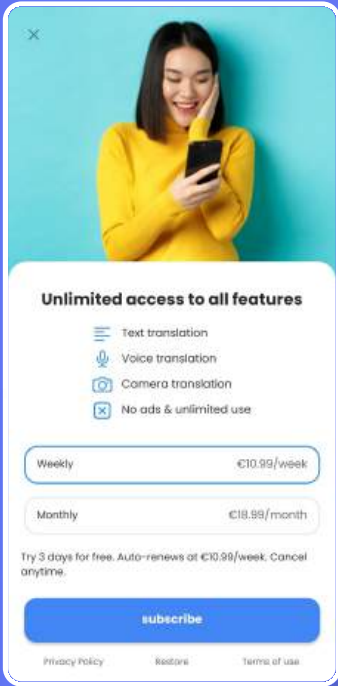
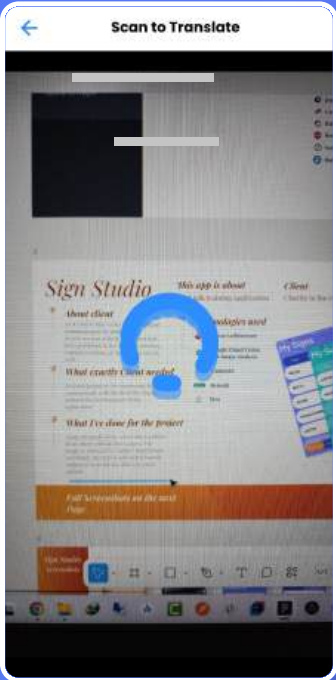
Technologies used

-  Kotlin
-  CameraX
-  Java
-  Retrofit
-  Mvvm Architecture
-  Room
-  Coroutine with LiveData
-  Google Cloud Vision
-  Google Translate API



Translate:Photo,Voice,Text

Screenshots



AuthOne

This app is about

Set up two-factor authentication for extra security. 2FA and MFA authenticator.

Client

Appshub Bilgi Teknolojileri Limited Sirketi

1

About client

The client for this project was Appshub, a company based in Turkey, primarily focused on developing Mobile applications for release on Google Play and the App Store, with the aim of generating revenue through subscription sales or AdMob advertisements.

2

What exactly Client needed

The client needed a secure, user-friendly Android app for two-factor (2FA) and multi-factor authentication (MFA) to protect user accounts on various platforms. Essential features included OTP/TOTP generation, end-to-end encryption, offline functionality, cloud backup and sync, password protection, and a smooth user interface. Additionally, they required the app to integrate ad monetization and analytics for insights on user interactions.

3

What I've done for the project

I handled all aspects of Android development, implementing secure 2FA/MFA with OTP/TOTP, end-to-end encryption, and offline access. I integrated cloud backup for seamless data sync, password protection for added security, and refined the UI for a smooth user experience. Additionally, I set up ad monetization and user analytics for revenue generation and insights into user behavior.

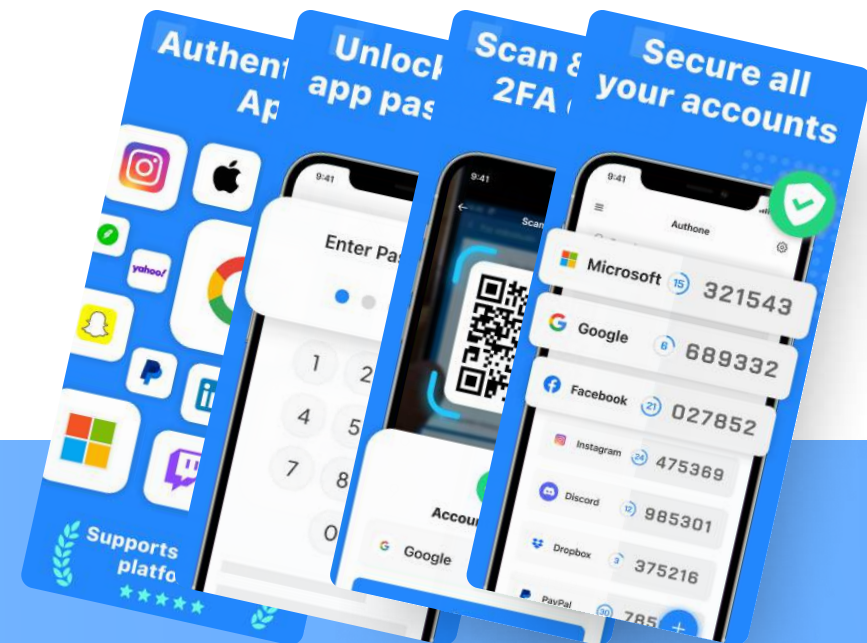
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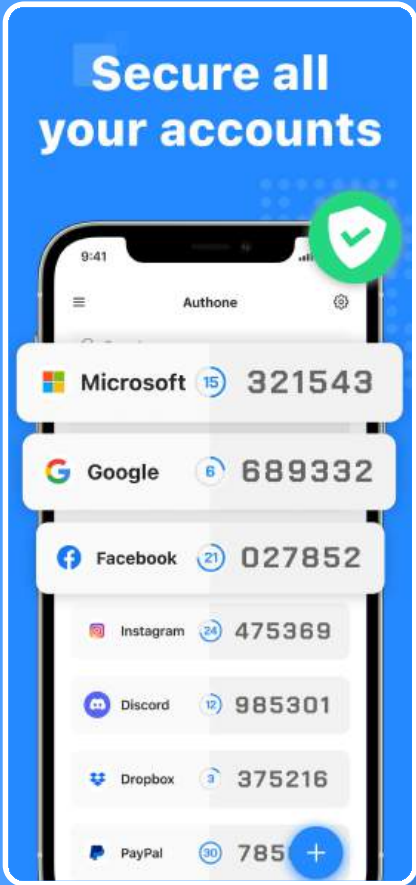
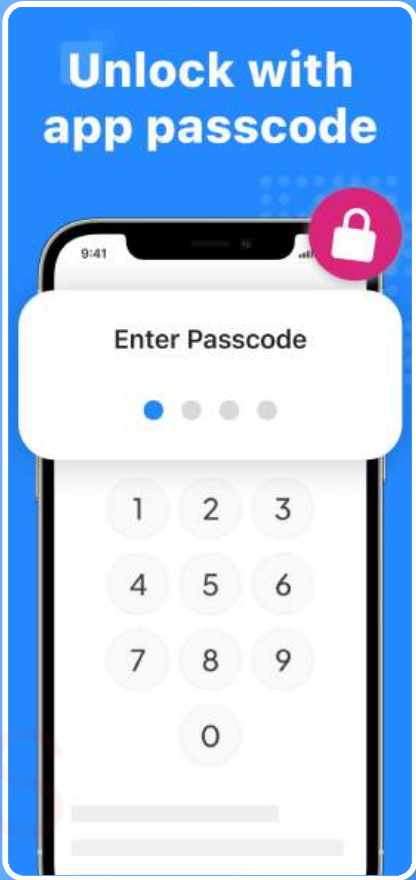
Technologies used

-  Mvvm Architecture
-  Firebase
-  Room
-  Push Notification
-  Java
-  Files

Full Screenshots on the next Page

6





Cute Aesthetic Wallpapers Live

This app is about

Cute wallpapers - the best way to personalize your phone with aesthetic wallpapers and backgrounds.

Client

Appshub Bilgi Teknolojileri Limited Sirketi

About client

The client for this project was Appshub, a company based in Turkey, primarily focused on developing Mobile applications for release on Google Play and the App Store, with the aim of generating revenue through subscription sales or AdMob advertisements.

What exactly Client needed

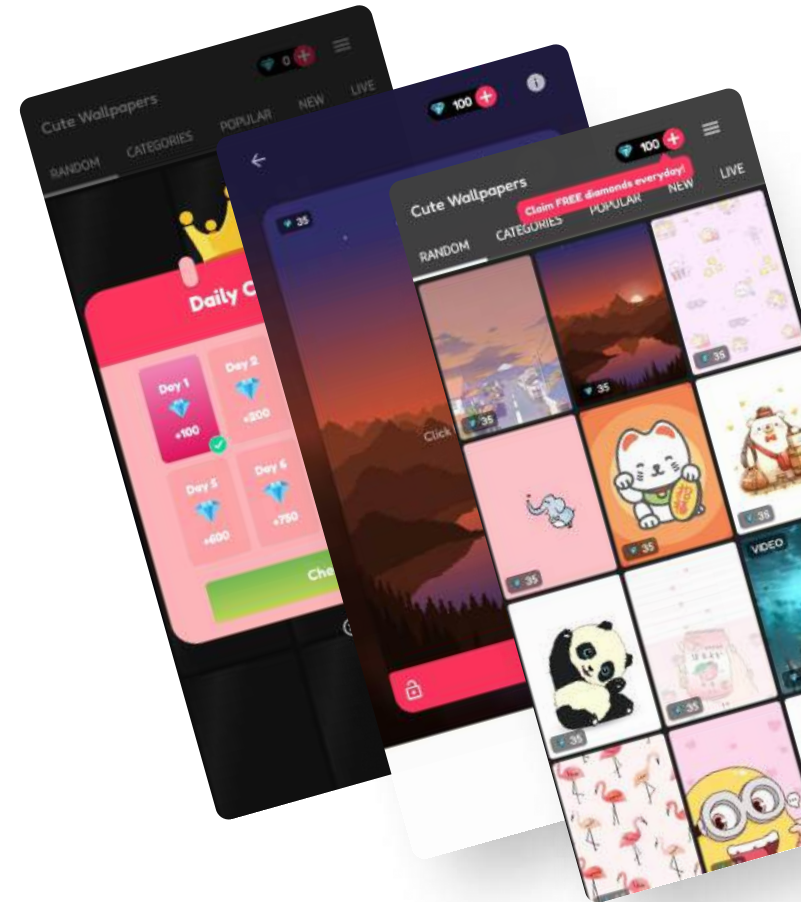
The client needed an app where users could view background images and animated backgrounds in an organized, categorized manner and set them as their phone's wallpaper.

What I've done for the project

I implemented the features requested by the client, including changes to the way advertisements are displayed and modifications related to the implementation of RevenueCat.

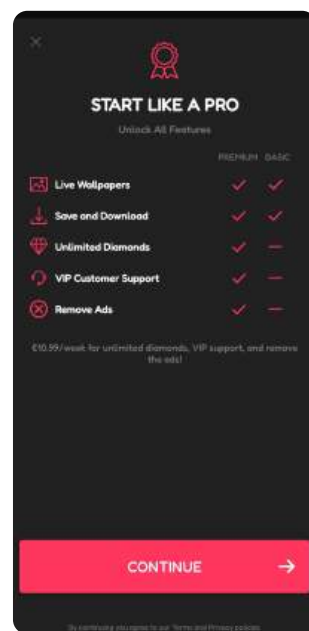
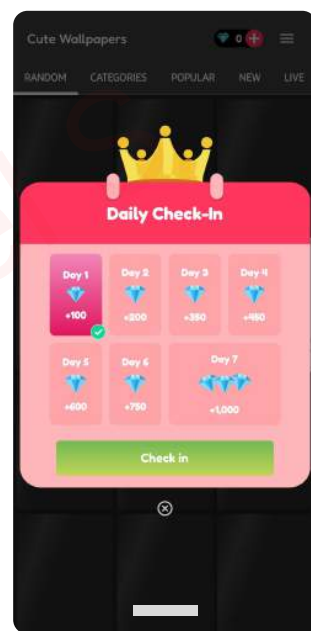
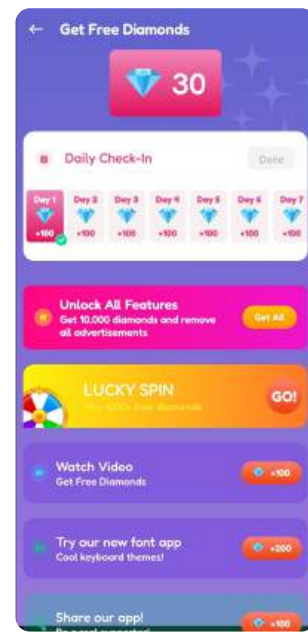
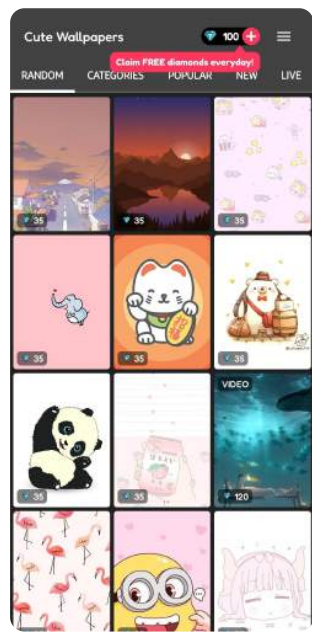
Technologies used

-  **Firestore**
-  **Java**
-  **Retrofit**
-  **Kotlin**
-  **Files**
-  **Room**
-  **Coroutine with LiveData**
-  **In-App Purchase**
-  **Mvvm Architecture**



Full Screenshots on the next Page

Cute Aesthetic Wallpapers Live Screenshots



Sign Studio

This app is about
Deaf talk training application

Client
Charity in the UK

1 *About client*

A UK charity that works to help the deaf commissioned the project. An iOS version of their application had been published in the AppStore and they wanted to release an Android version as well.

2 *What exactly Client needed*

To teach people in the community how to communicate with the deaf, the charity ordered the development of this application.

3 *What I've done for the project*

Using this application, a user takes a photo of an object with his/her camera. The image is analyzed by Google Cloud Vision, and finally, the user is instructed visually on how to describe the object to a deaf person.

4 *Technologies used*



Mvvm Architecture



Google Cloud Vision
For Image Analysis



CameraX



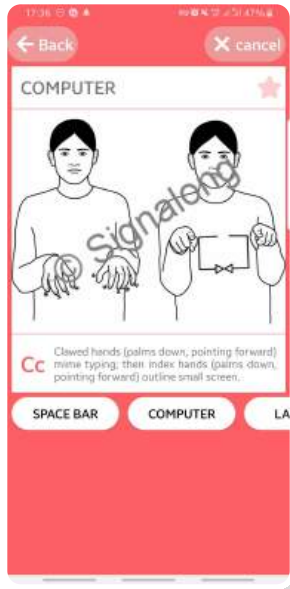
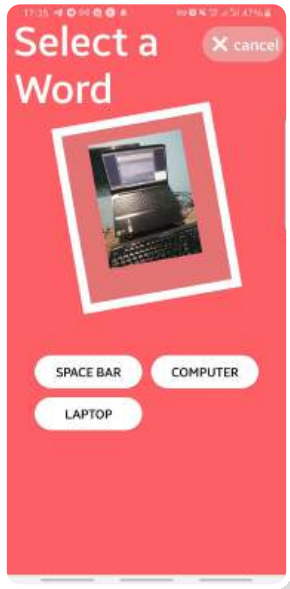
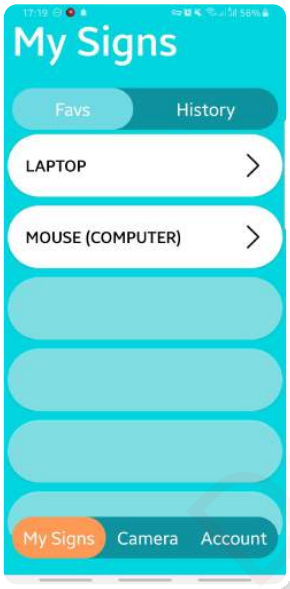
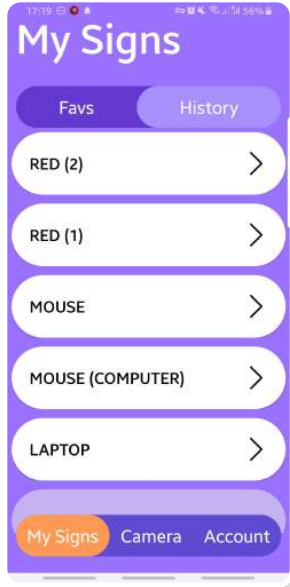
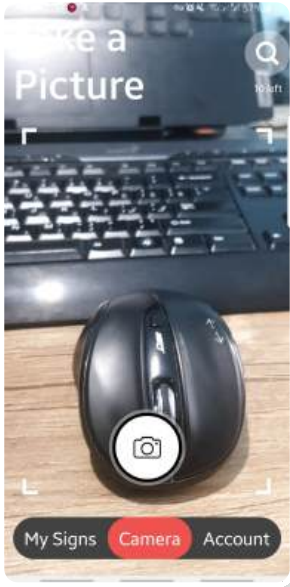
Retrofit



Java



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Page*



HH-Dm Tyre Management

This app is about

Scanning the barcode of tires and rims of Formula 1 racing cars

Client

Tyre Management Company in **Italy**

About client

A Formula 1 racing and tire management company in Italy asked me to develop this application.

Managing and maintaining Formula 1 racing tires and rims is the company's job.

What exactly Client needed

It was ordered to develop this application so that the barcodes of tires and rims can easily be scanned and stored in a database, facilitating tire and rim maintenance and management.

3

What I've done for the project

This application is used in car racing and allows tire information to be stored automatically without having to be manually input by an operator. In this application, all the operator needs to do is scan the barcode on the tire and click the submit button.

Previously, all processes had to be done manually and with difficulty. Now, they can be completed with a few clicks and in less than 10 seconds.

4

Technologies used



Kotlin



CameraX



Google Machine Learning kit



Retrofit



Mvvm Architecture



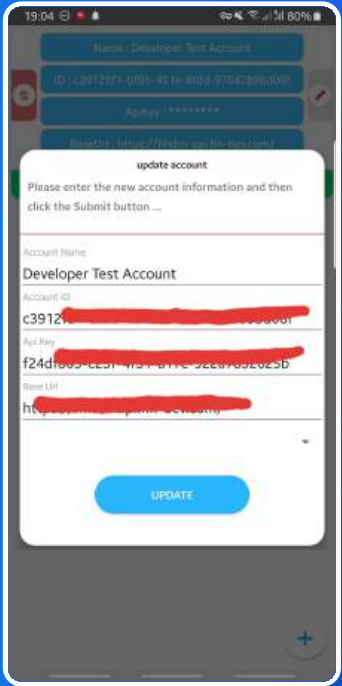
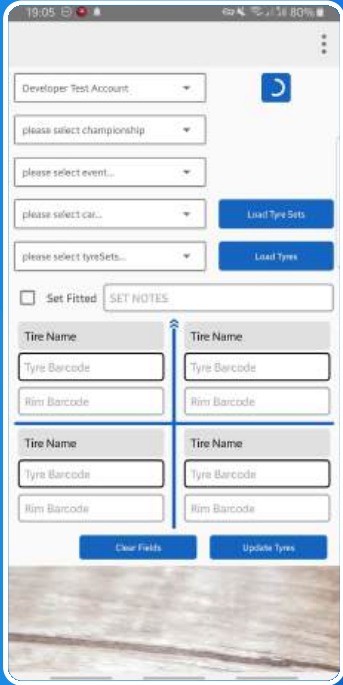
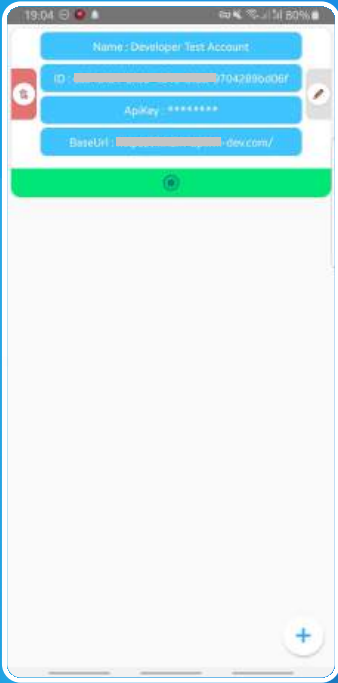
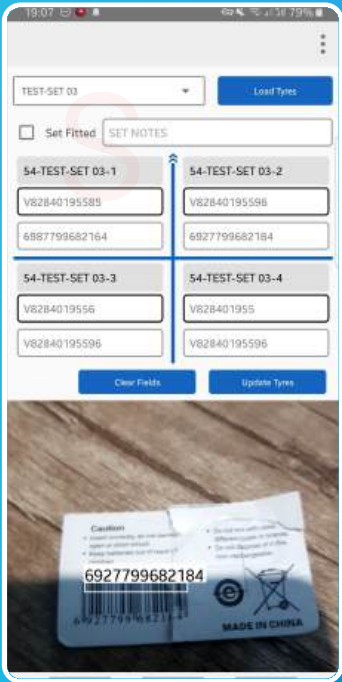
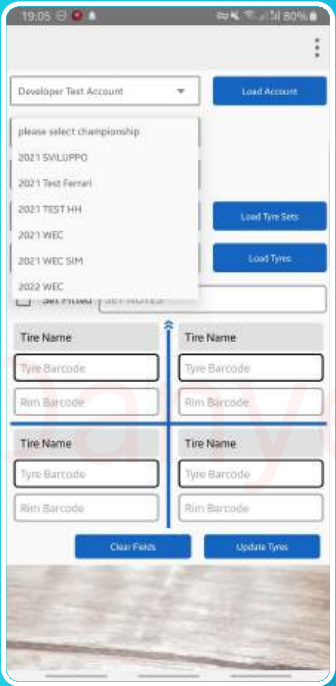
Room



Coroutine with LiveData



HH-Dm
Tyre
Management
Screenshots



Location Tracker

This app is about

Perform specific actions in defined locations

Client

Private Company in Italy

1

About client

As part of a collaboration with an Italian student, I created this application.

2

What exactly Client needed

The application allows the user to specify a range in Google Maps. After that, it determines if the application reaches a range of 50 meters, what will happen.

As an example, the user determines that if he/she reaches within 50 meters of University, the phone will automatically mute.

3

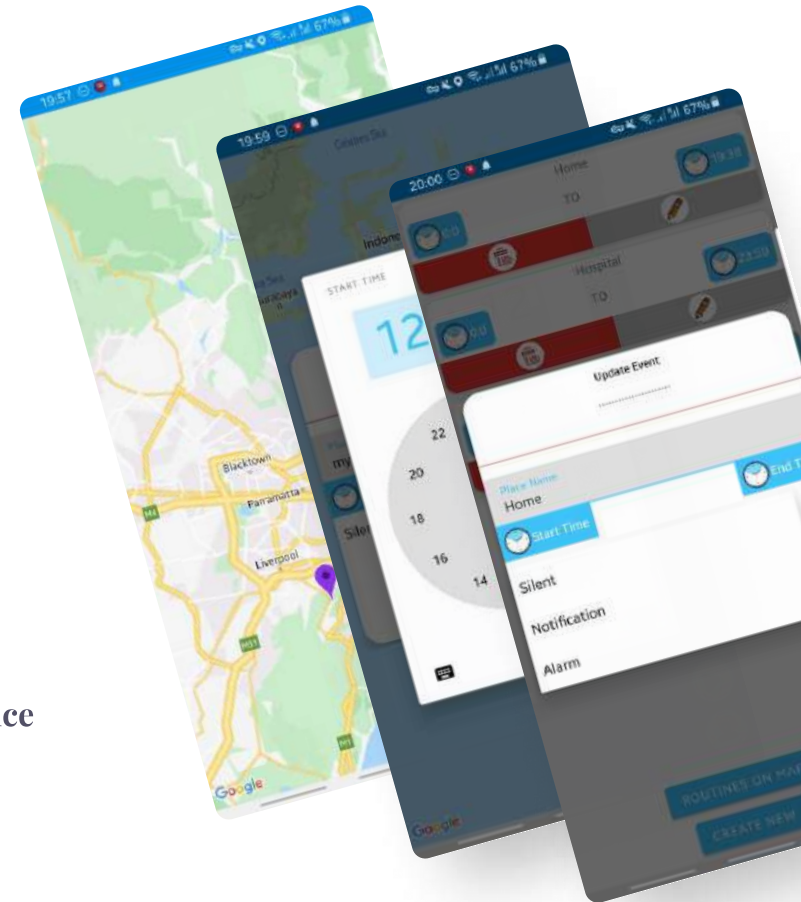
What I've done for the project

This application helps the user to specify a series of actions for a specific location, and without user intervention, when the user reaches that particular location, those actions are executed automatically

4

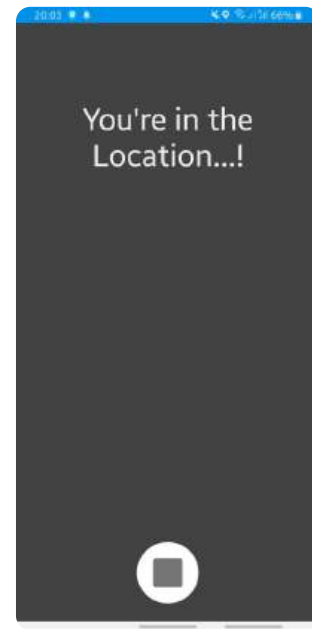
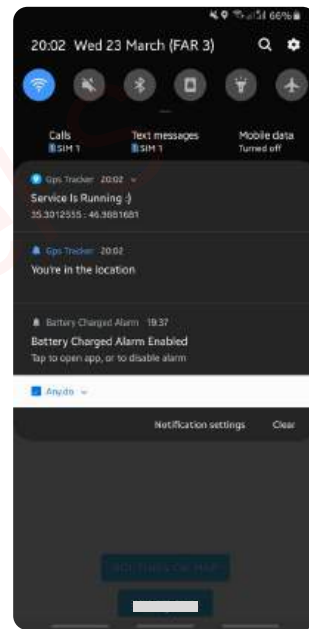
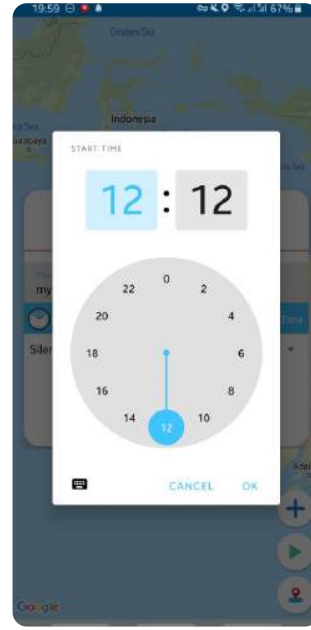
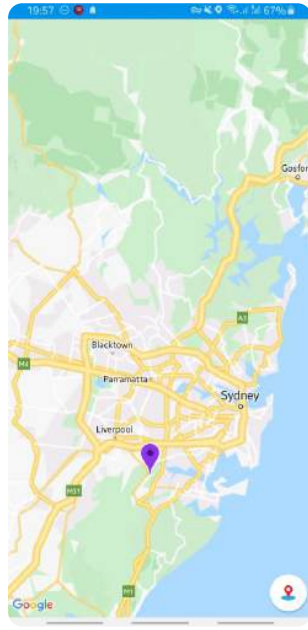
Technologies used

-  **Firebase**
-  **broadcast receiver**
-  **GPS**
-  **Kotlin**
-  **Google map**
-  **Room**
-  **Coroutine with LiveData**
-  **Mvvm Architecture**
-  **Foreground and bound service**



Full Screenshots on the next Page

Location Trackero Screenshots



AxNegar

This app is about

A tool for designing beautiful typography

Client

Idenegar Company

About client

I developed this application on behalf of Idenegar company, which designs and produces advertising posters for social networks.

What exactly Client needed

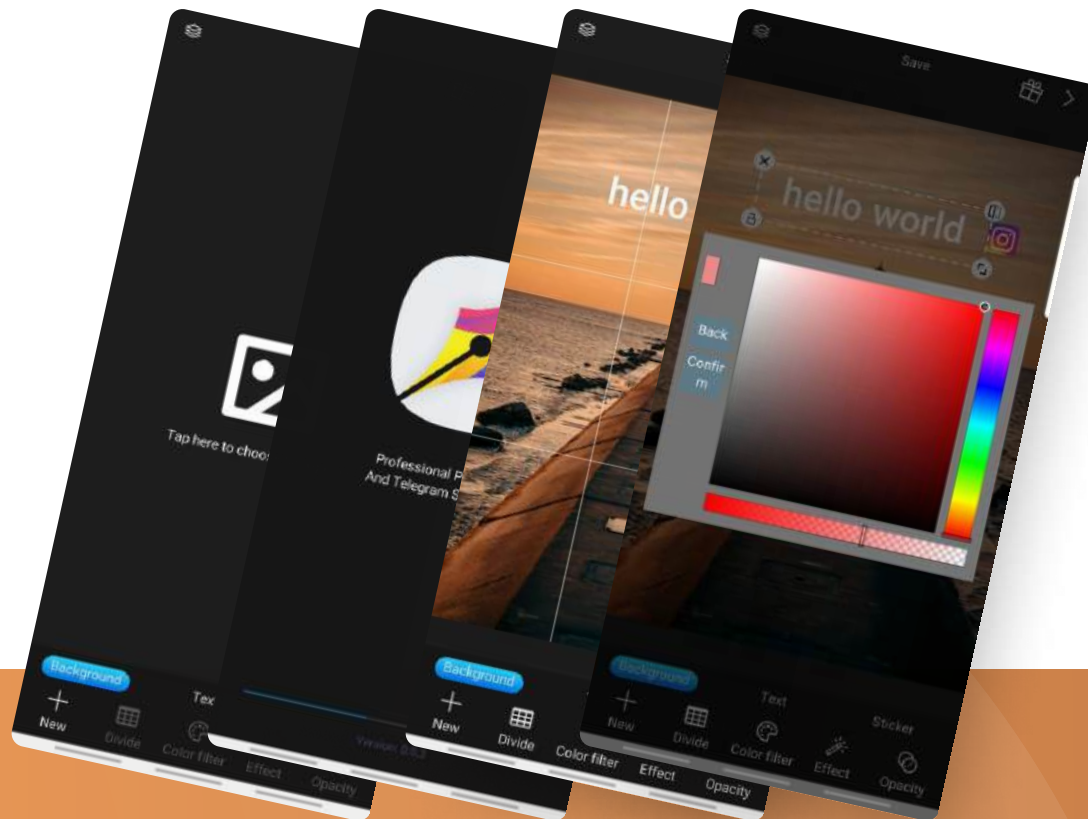
Initially, the application was developed to allow employees to design a poster in a short time when they need it. But after embracing the app's features, the company decided to release it in Android markets for other users to use.

What I've done for the project

Axnegar is a typography application and first released on 2019.

Users can use Axnegar to design beautiful typography, posters, and banner ads and use them on social media or even advertising.

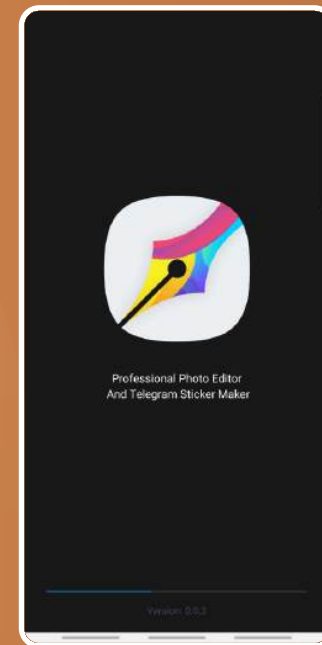
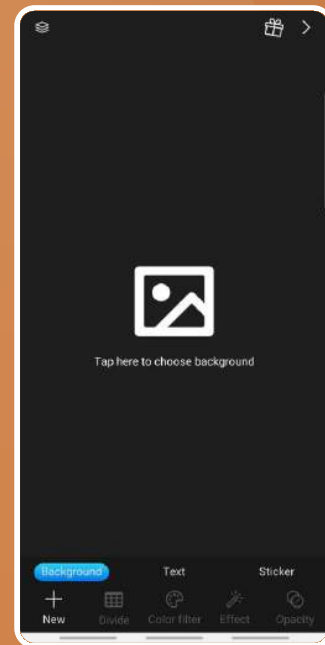
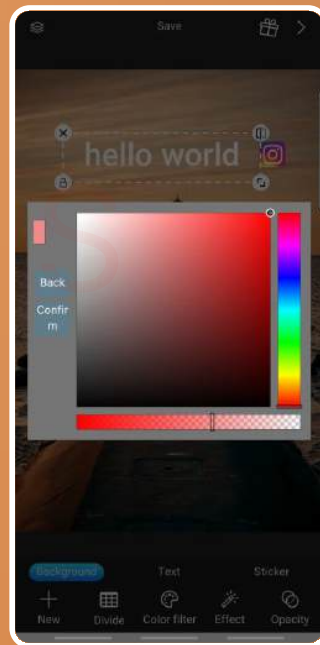
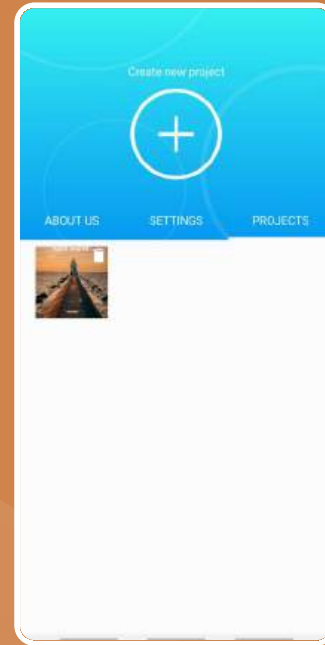
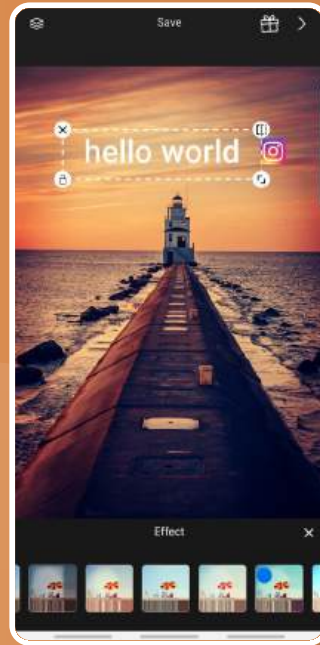
Axnegar is a handy tool for designers and even users who do not know how to design



Technologies used

-  Mvvm Architecture
-  Firebase
-  Room
-  Push Notification
-  Java
-  Files

*Full Screenshots on the next
Page*



WhatsApp Status Saver

This app is about

tool for downloading
WhatsApp statuses

Client

A junior programmer
in Estonia

3

What I've done for the project

Since WhatsApp does not allow the user to download statuses by default, The employer wanted to order an app that users could use to download WhatsApp statuses, and he can learn how to implement the project and how to work with files in the Android operating system.

1

About client

I developed this app for a novice programmer in Estonia who wanted to learn how to work on files and play videos and architectures in Android programming.

2

What exactly Client needed

The client was looking to solve the problem of downloading WhatsApp stories simply and was also looking for an application that communicates well with file APIs in Android.

4

Technologies used



Firestore



Room



ExoPlayer



Java



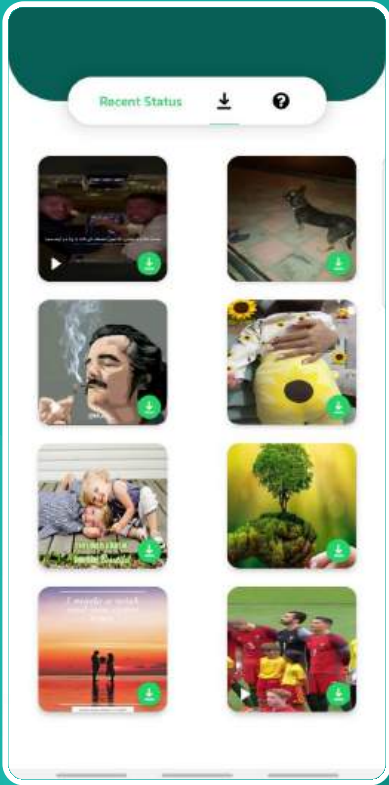
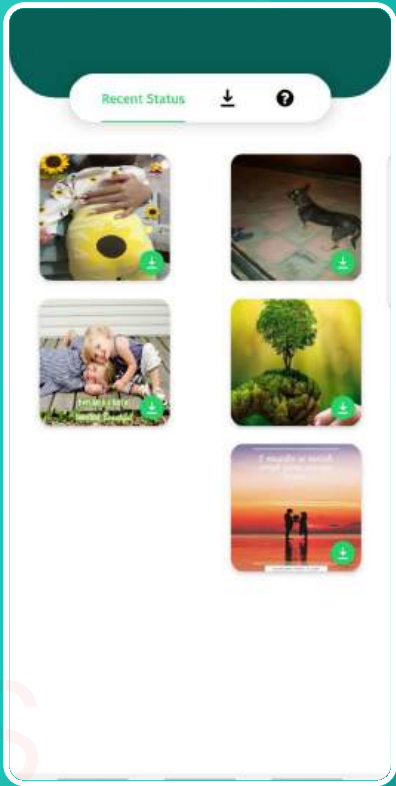
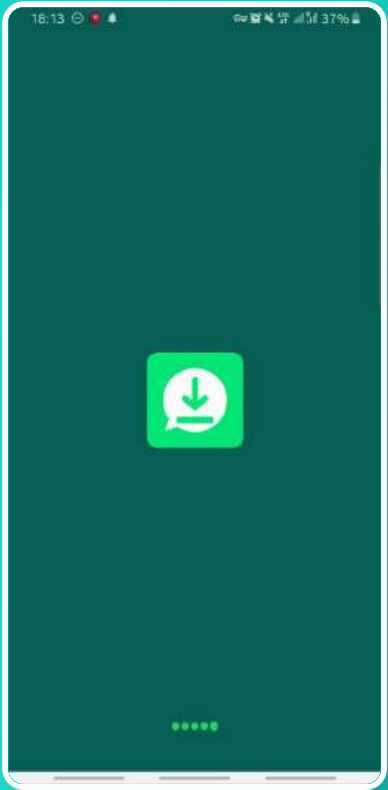
Mvvm Architecture



Files



WhatsApp Status Saver
Screenshots



To Do List

This app is about

An application for managing daily tasks

1

What was needed for this app

The function of this application is that users can use it to organize and prioritize their tasks

4

Technologies used



Kotlin



Room



Coroutine with LiveData

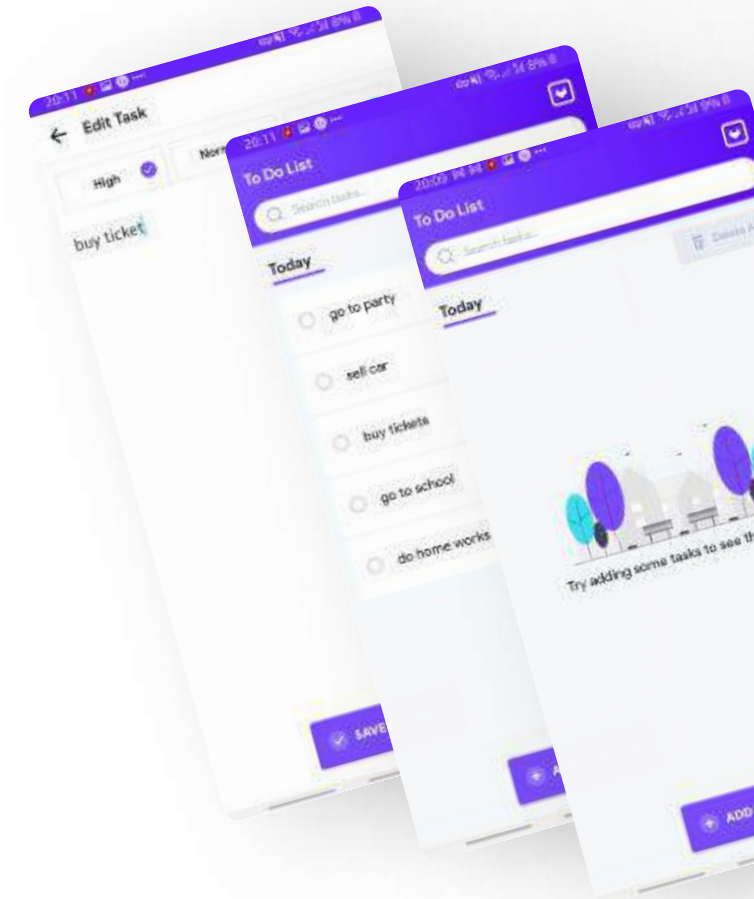


Mvvm Architecture

2

What I've done for the project

In this application, it is possible to define 3 types of tasks, and users can specify the priority of each task by selecting a label, and when the task is done, underline it.



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Page*

To Do List Screenshots

