Instagram Clone

Abstract

I built a responsive Instagram Clone using Flutter and Firebase. In this app, I advanced my skills about Firestore, Firebase Auth, Firebase Storage, State Management, Responsive UI and much more.

Step by Step

Setup & Theming the App

Building Responsive Layout Widget and Mobile & Web Screens

Setting Up Firebase

Login Screen UI (Mobile)

Signup Screen UI (Mobile)

Firebase Signup & Login Auth

Persisting Auth State

Modelling User Data

User Data State Management

Mobile Bottom App Bar

Add Post Screen UI

Selecting Image

Storing Post Data in Firebase

Feed Posts UI

Displaying Post Data from Firebase

Like Animation

Updating Likes

Comments Screen UI

Storing Comments in Firestore

Displaying Comments

Deleting Post

Searching Users

Showing Posts on Search Screen

Creating Reusable Profile Screen UI

Displaying Profile Data

Following Users

Signing Out

Creating Responsive UI

Conclusion

Packages

firebase_core

cloud_firestore

firebase_auth

firebase_storage

flutter_svg

intl

file_picker

image_picker

flutter_staggered_grid_view

provider

uuid