# Social Media App

**(Frenzy App)**

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Hybrid Mobile Programming

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## **Introduction:**

Frenzy is a video-based platform that allows you to create the content directly within the app or upload from your smartphone. Which allows user to create their own videos for the songs they like. This app have features of uploading, editing, and sharing the videos. The app’s unique video editing features include filters, music, and more. This app allows users to follow other users across the globe. The short format means it’s easy to share and consume content.

**Purpose:**

The purpose of this project is to build an app using flutter. Flutter is an open-source UI framework for creating and developing native mobile applications. The Flutter framework consists of both software development kit (SDK) and their widget-based UI library.

**Why Flutter?**

* Easy to learn
* Great performance
* Available on different IDEs
* Increased productivity

**Requirements:**

To build this app the following are required

* Android Studio
* Sdks:
  + dart: ">=2.10.0-110 <2.11.0"
  + flutter: ">=1.16.0 <2.0.0"System / laptop.
* Operating system preferably windows/iOS.
* Minimum 2 Gb of Ram.
* Processor of minimum 2.0 GHZ.

**App description:**

* **Login/ Signup page**: In this page user can create or login into app. If its new user, the user must create an account using his mail id. After successfully creating an account, the firebase stores his/her credentials and allows user to login into app.

A picture containing application

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* **Home page**: In this home page you can see videos of the people you follow in your account. And there you can also share, like, comment on videos you like. You can also see the videos you have uploaded.

A picture containing text

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* **Discover page:** In this Discover page you see random users’ content and you can follow or unfollow the user you want to. There is a search bar where you can search existing user.

Graphical user interface, website

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* **Camera page:** In this Camera page user can access his camera to record short videos with the filters, music, and effects.

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* **Inbox page:** inbox page is the messaging page where user can share text, images, videos, and audio to the users he has access to.

A screenshot of a phone

Description automatically generated with low confidenceGraphical user interface, text

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* **Profile page:** This page shows all the images and videos the user had uploaded.

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**Conclusion:**

Flutter does a good job by providing an excellent framework to build mobile applications in a truly platform in independent way. It provides simplicity in the development process, and high performance in the resulting mobile application, rich and relevant user interface for both Android and iOS platform. Flutter framework will surely enable a lot of new developers to develop high performance and feature-full mobile application soon.