

# **Social-eyez(Social media app)**

**MINOR PROJECT SYNOPSIS**

**BACHELOR OF TECHNOLOGY**

**Information Technology**

**SUBMITTED BY:**

GURPARTAP SINGH (1921150/2005006)

KHUSHBOO DHIMAN (1921154/2005010)

SHUBHAM BHARDWAJ (1921158/2005015)

**SUBMITTED TO:**

**Pf. HARPREET KAUR**

JAN-JULY 2022



**GURU NANAK DEV ENGINEERING COLLEGE**

**LUDHIANA-141006 INDIA**

## Contents

1	Introduction	3
2	Objectives	4
3	Feasibility Study	5
4	Methodology	6
5	Facilities required for Social-eyez	7
6	References	8

# 1 Introduction

A **Social-eyez** is a social media app that facilitate the creation and sharing of information, ideas, interests, and other forms of expression through virtual communities and networks. In our project, we are working to build a app that caters the above requirements. the app will contain many features like user authentication, content creation(uploading images) ,interactions in the form of like button, comment button, etc. the app will be made using Flutter Framework. Flutter is an open-source UI software development kit created by Google. It is used to develop cross platform applications for Android, IOS, Linux, macOS, Windows, Google Fuchsia, and the web from a single codebase. among many apps build on this framework, Gpay is a prime example as it is built using this framework.

In the initial Phase, our target is to build the application for Android OS and then take it to other other platform like IOS. this application is going to be be a live project and our team will keep on integrating new features time to time. We will start with basic structure and features and then scale it up according to available resources.

.

## Rationale

Social media is a part of our life now and there are only few platforms that are dominating this space. **Meta** is the shark in the tank. it is the parent organisation of Instagram, Facebook and Whatsapp While China have its own alternative apps like WeChat and Weibo. India is still heavily dependent on these apps. this Project is a humble effort to give Indians their own social media app and eventually realizing the dream of **Atmanirbhar Bharat** apart from this our app will include many other features which are lagging in Instagram like:-

- 1.SOS (Save Our Souls) feature.it can be triggered in the event of emergency.
- 2.Social and News combined.

## 2 Objectives

Social-eyez will try to give a platform to its user to interact and connect with each other. the main objectives of our app in the long run are:-

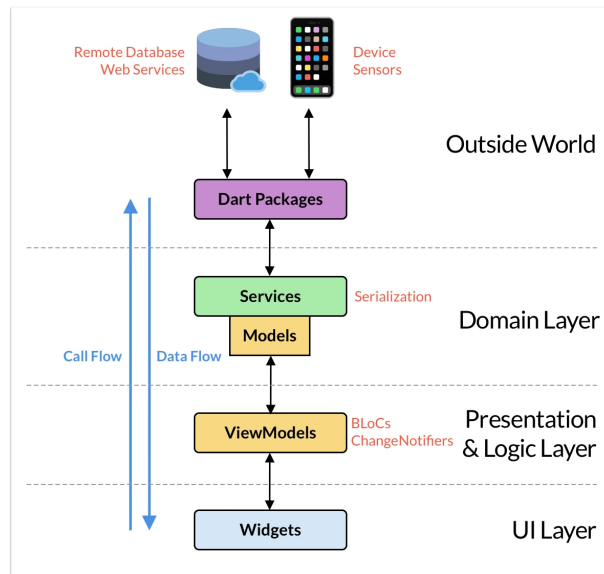
1. **Community Builder:** One of the many reasons to use Social Media is that it acts as a Community Builder! Social Media is widely used to create community by connecting to different people worldwide.
2. **Exchange of Ideas:** Social Media has been one of the most successful and popular ways of exchanging ideas! 80percent of people have their accounts on one of the many social media sites thus, making it more logical to valid my point! You can exchange innumerable ideas and can apply it too!
3. **Engagement of users:** This characteristic is something that is very common and obvious when we use social media! Engagement i.e. communicating and following each other's content is the most basic thing you must have when you want to grow big on social media! This ultimately broadens your connections!
4. **Biggest Marketing Platform:** Social Media is now one of the largest media where you can market all your product right from the needle to the largest machines! There's nothing impossible now!
5. **Monetisation:** One of the major advantages to use social media is that they provide us with the facility to monetize. You can now access these services very easily and quickly! To sum up, I would say that now having a social media account is like having Treasure at your fingertips, provided that you know how to use it!

### 3 Feasibility Study

A feasibility study is a preliminary study that investigates the information needs of prospective users and determines the resource requirements, determining the cost-effectiveness of various alternatives in the designs of the information system, benefits, and feasibility of the proposed project. The goal of the feasibility study is to evaluate alternative systems to propose the most feasible and desirable systems for development. The feasibility of our proposed system can be evaluated as: -

- **TECHNICAL FEASIBILITY** can be demonstrated if reliable hardware and software capable of meeting the needs of the proposed system can be developed or acquired by the business in the required time. Our project is technically feasible because the required softwares are Visual Studio Code, Git, and Flutter which are all available to us and easy to use.
- **ECONOMIC FEASIBILITY** This assessment typically involves a cost analysis of the project. Our project does not require higher configuration hardware and the softwares we are going to use are free to use.
- **OPERATIONAL FEASIBILITY** is a measure of how well a proposed system solves the problems and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development. As the proposed system will be cross-platform and will not require any special hardware, it's feasible on an operation basis too.

## 4 Methodology



- User authentication.
- Writing posts with image attachments.
- Becoming followers of other users.
- Reacting and commenting on posts.
- Notification about latest posts from followed users.
- Searching for specific posts.

## 5 Facilities required for Social-eyez

Technologies that we'll be using in this project will be Flutter Framework, Dart Programming, Git and Visual Studio.

the main development of the Application will be done using **Flutter Framework**. it is slightly new framework backed by Google. **Firebase** will also be used. it is a Backend-as-a-Service (BaaS) app development platform that provides hosted backend services such as a realtime database, cloud storage, authentication, crash reporting, machine learning, remote configuration, and hosting for your static files. Firebase supports Flutter.

**Visual Studio** will be used as a code editor and **Git** will be used for version control development.

### **Hardware requirement:**

- 1.Laptop
- 2.Smartphone

## 6 References

1. Shakleen Ishfar “Leaf: Flutter Social Media App”  
<https://medium.com/@shakleenishfar/leaf-flutter-social-media-app-part-0-954ab180d476>
2. Stanislav Termosa, ” An Introduction to Flutter: The Basics ” <https://www.freecodecamp.org/news/an-introduction-to-flutter-the-basics-9fe541fd39e2/>
3. Introduction to Dart Programming, 2 April 2018  
<https://dart.dev/tutorials>