

SocialBee - Flutter Project

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Date: 47

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Overview

A social app is a platform that allows users to connect, share content, and interact with others online. Examples include Facebook, Instagram, and Twitter. These apps typically feature messaging, posts, and personalized feeds to engage users.



Introduction

Purpose: A social platform for sharing and viewing blog posts.

Features: User authentication, blog post sharing, personal profile, and storage.

Problem Statement could be

"Users of social apps often face challenges in finding relevant content and meaningful connections, leading to digital fatigue and a lack of engagement. There's a need for a platform that promotes authentic interactions and healthier online experiences."

Objectives

- **Enhance Content Discovery:** Improve personalized content recommendations for users.
- **Foster Authentic Connections:** Encourage meaningful interactions and relationships.
- **Promote Digital Well-being:** Minimize digital fatigue and support healthier usage habits.
- **Increase Engagement:** Boost user participation and activity on the platform.

Basic Requirements of SocialBee

- **Frontend:** Flutter (Dart) for a responsive, user-friendly interface.
- **Backend:** Firebase Firestore for storing user data, posts, and interactions.
- **Authentication:** Firebase Authentication for secure and seamless logins (Google, Facebook, email).
- **Features:** User profiles, post creation, viewing, liking, commenting, and messaging.
- **Real-Time Updates:** Firebase for real-time feed updates and notifications.
- **Privacy Settings:** User control over who can view posts and send messages.

Literature Survey

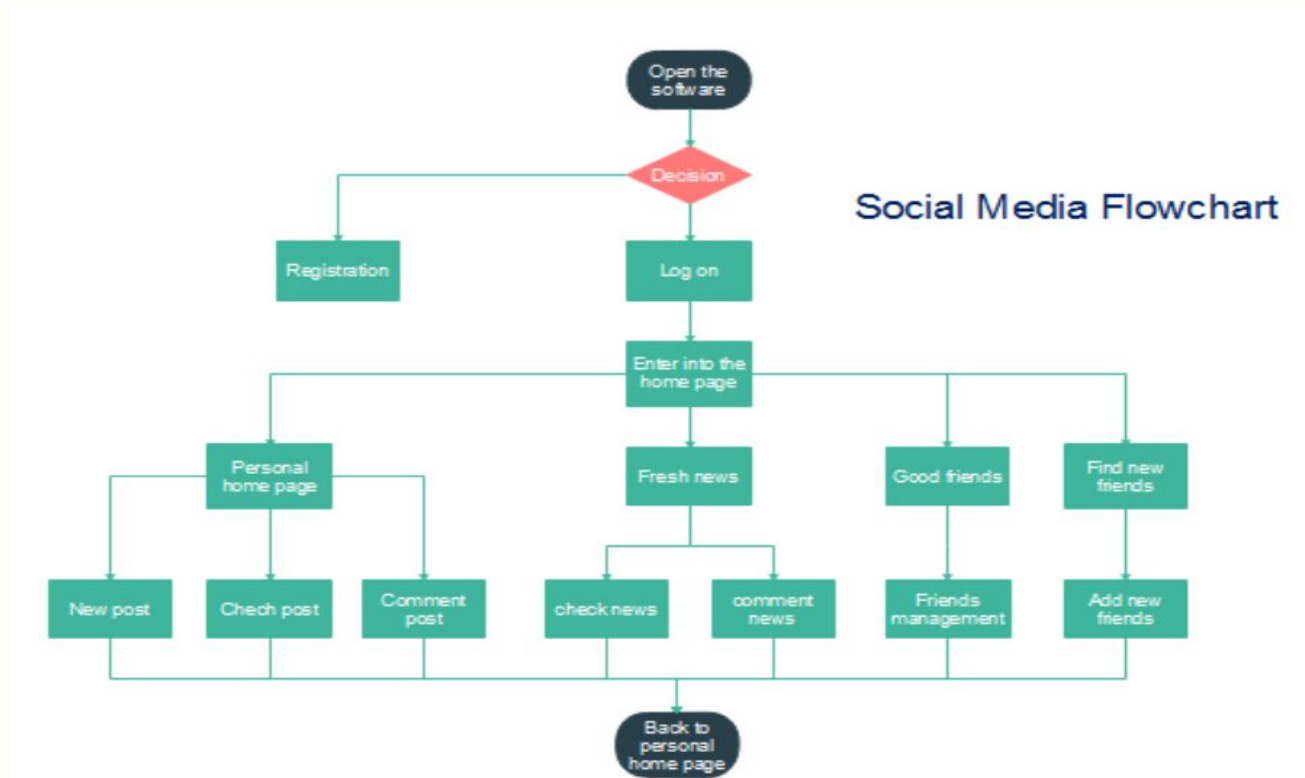
Facebook : 2004

- **Purpose:** Founded by Mark Zuckerberg and colleagues, Facebook aimed to connect college students and later expanded to the general public. Its goal was to build a social graph, allowing users to share content, events, and interact with friends and businesses.

Instagram : 2010

- **Purpose:** Developed by Kevin Systrom and Mike Krieger, Instagram focused on photo and video sharing, later expanding to Stories and shopping. It was designed to make visual communication easy and shareable.

Proposed Design



Result and Analysis

Security:

- The app uses **Firebase Authentication** to ensure only authorized users can access and interact with the platform.

Anonymity:

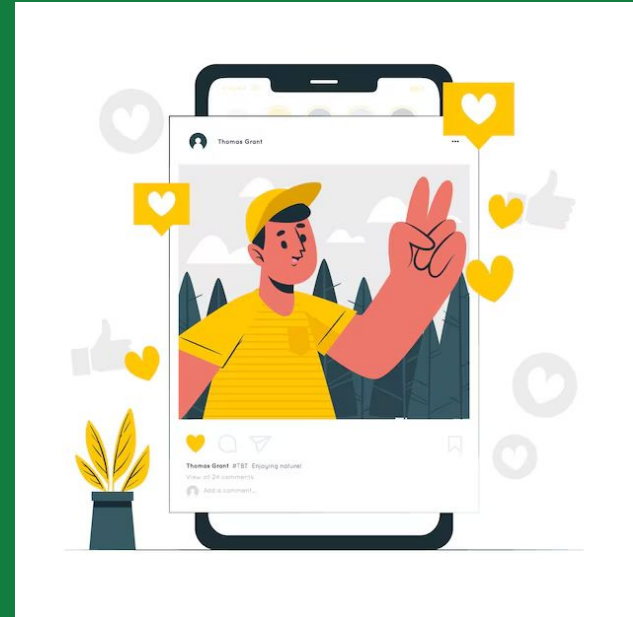
- **Personal information** is not linked to posts or interactions, ensuring complete **user privacy**.

Ease of Use:

- The app features a **simple, intuitive interface**, making it easy for users to create posts, manage profiles, and engage with others.

Features - Post Page

- **Global View:** See posts from all users.
- **Post Interaction:** Like, comment, and share posts.
- **Real-time Updates:** Live updates via Firestore.



Conclusion

Social Bee is an intuitive blogging and social platform, built with **Flutter**, **Firebase**, and **local storage** for seamless performance. Future updates will expand features like **user interactions** and **notifications** to enhance engagement.



Thankyou