



# REDDIT CLONE

## FLUTTER

## PRESENTATION

**D15B**

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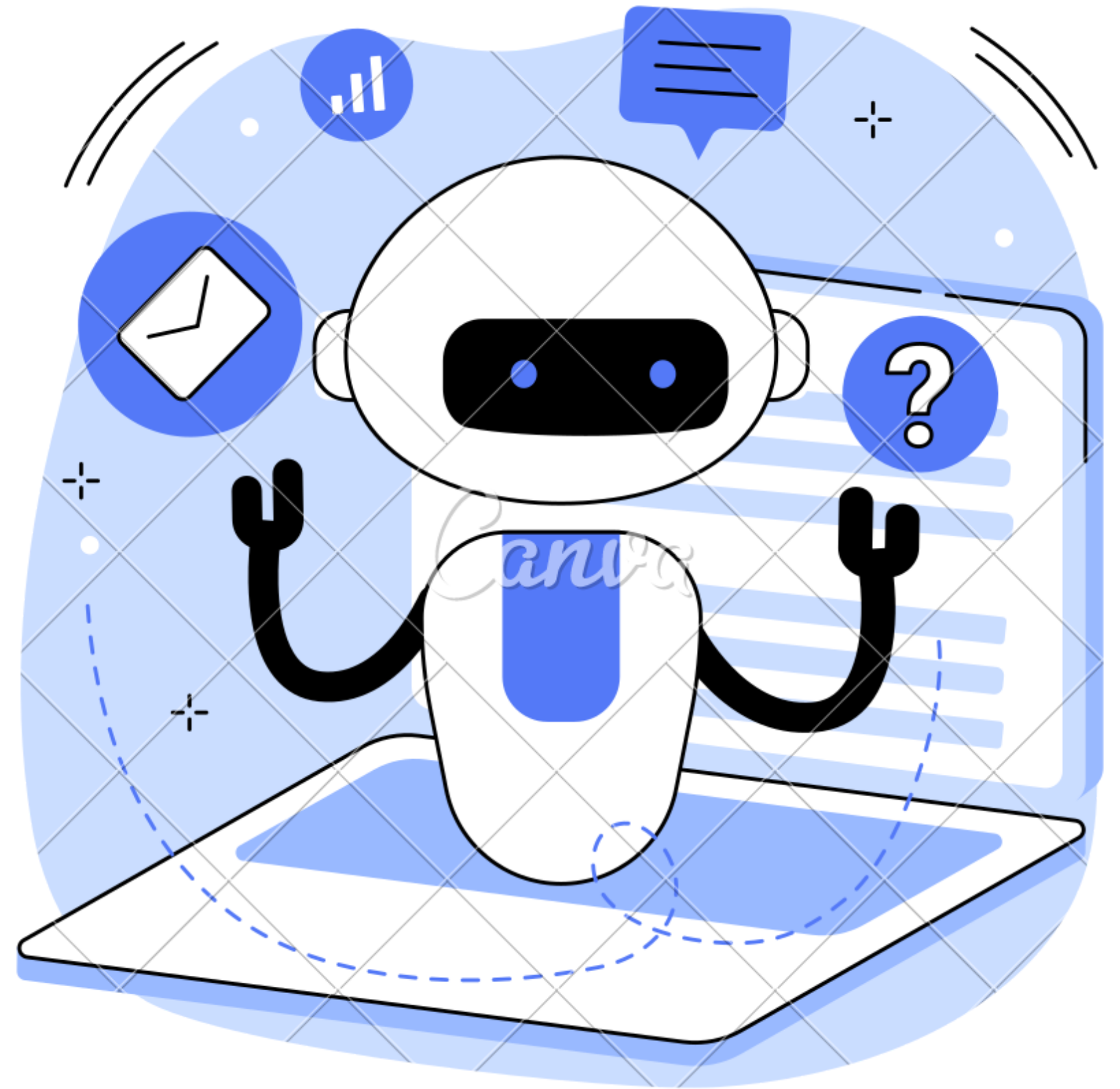
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# WHAT IS REDDIT CLONE?

**Creating a Reddit clone app using Flutter can be an exciting project that allows you to explore various aspects of mobile app development, including UI design, data management, and user interaction.**



# **PROBLEM STATEMENT**

**Develop a Flutter application that serves as a clone of the popular social media platform Reddit. The Reddit clone app should replicate key features and functionalities of the original platform while leveraging Flutter's UI toolkit for cross-platform compatibility.**

# Requirements

## Hardware

Processor: Intel Core i5

RAM: 8 GB

10GB Storage

Stable internet connection

Mobile Devices

Screen Resolution

## Software

Flutter SDK

Dart programming language

Android Studio IDE

Firebase for backend services

Git for version control  
management



# FEATURES

**Sign up:** Allow users to create new accounts by providing basic information.

**Log in:** Enable users to log in to their accounts securely.

**Log out:** Provide an option for users to log out of their accounts.

**Home Feed:**

Display a feed of posts from various subreddits.

Support different types of posts including text, links, images, videos, and polls.

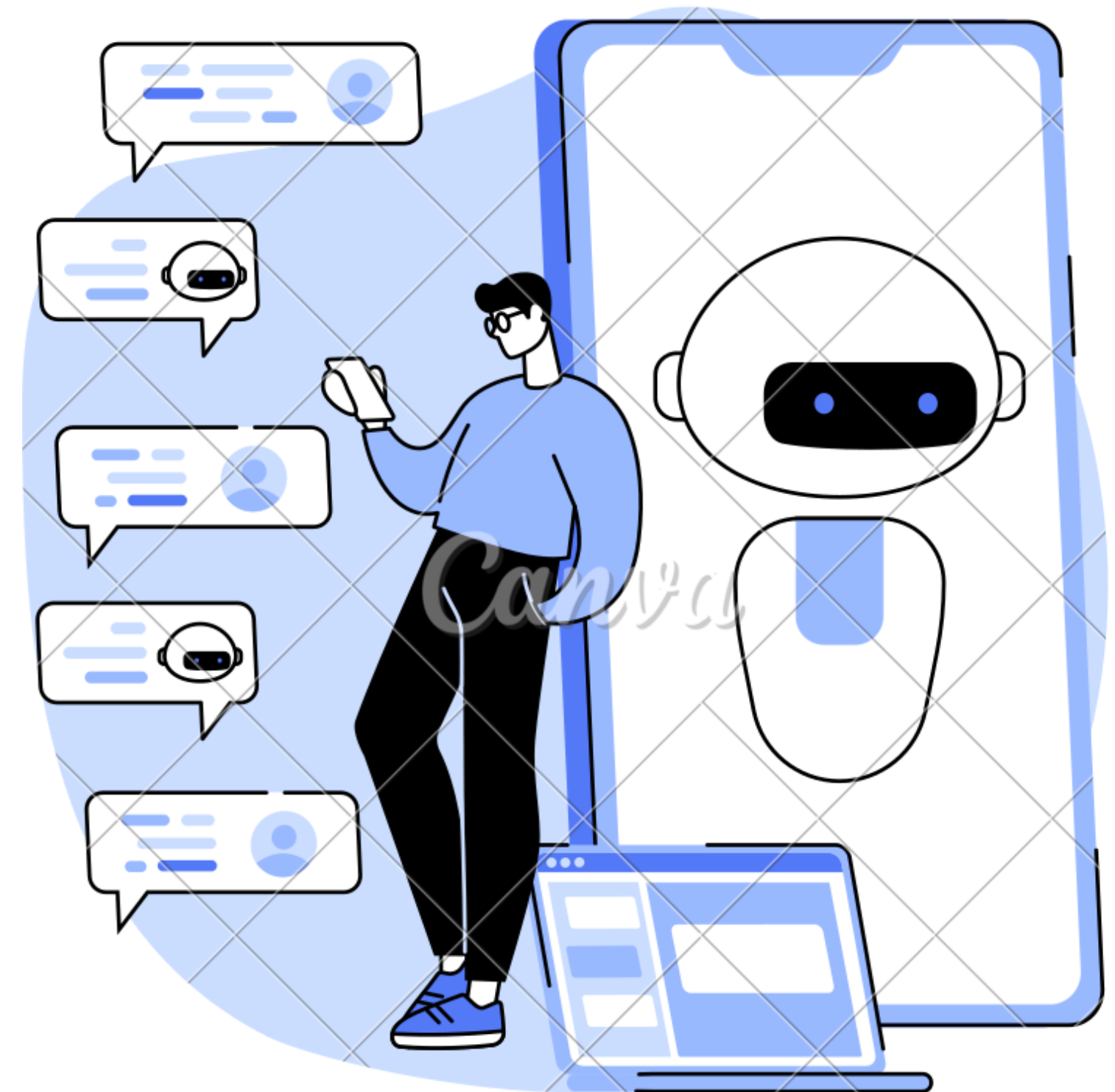
Implement sorting options such as hot, new, top, and controversial.

**Subreddits:**

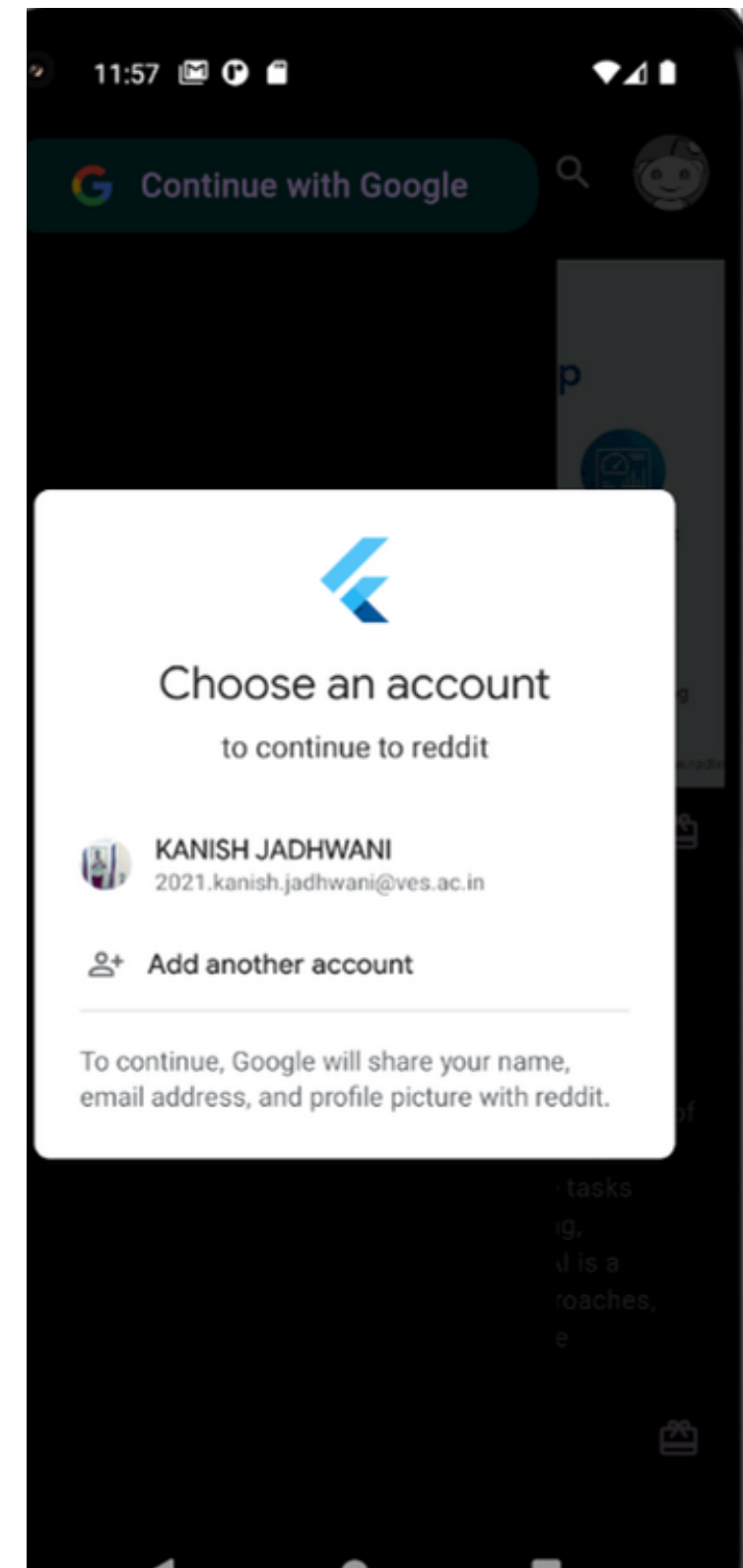
Allow users to browse and join different subreddits based on their interests.

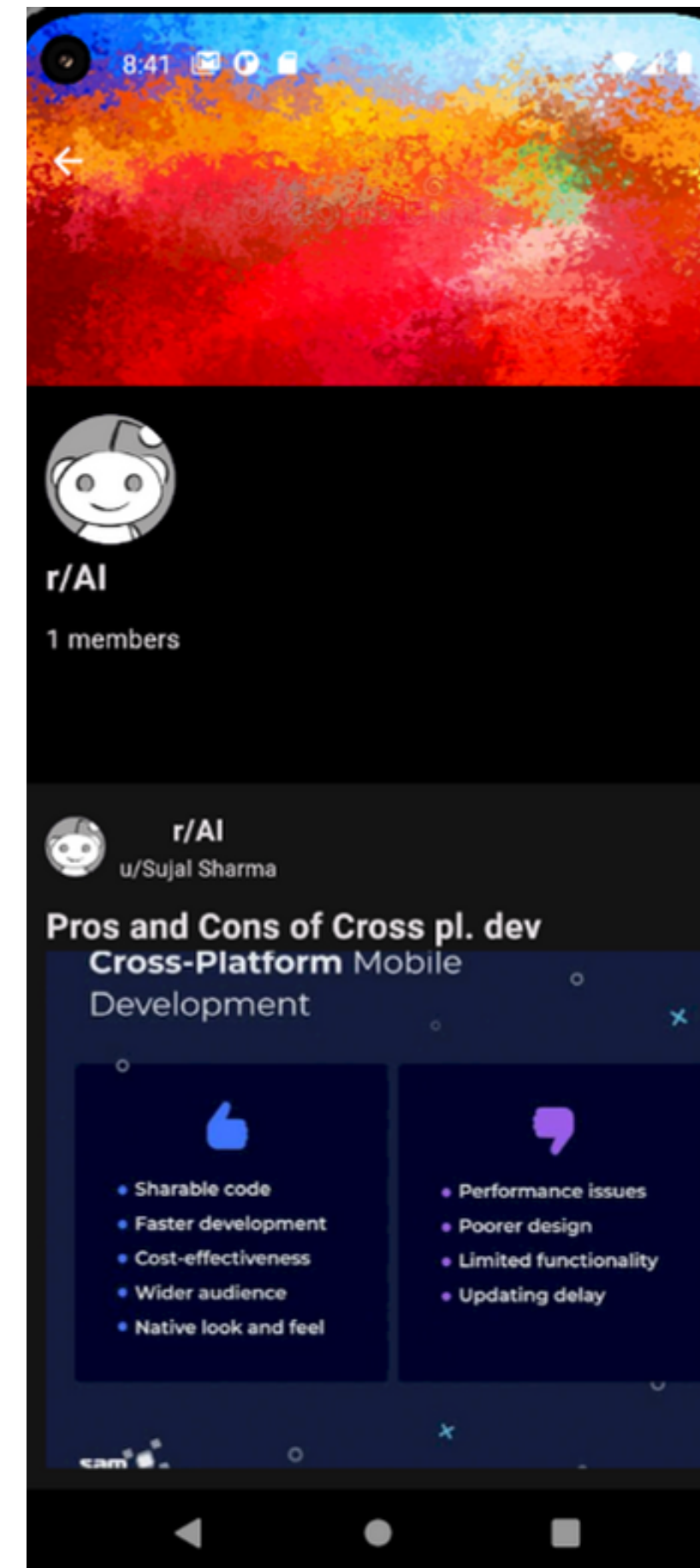
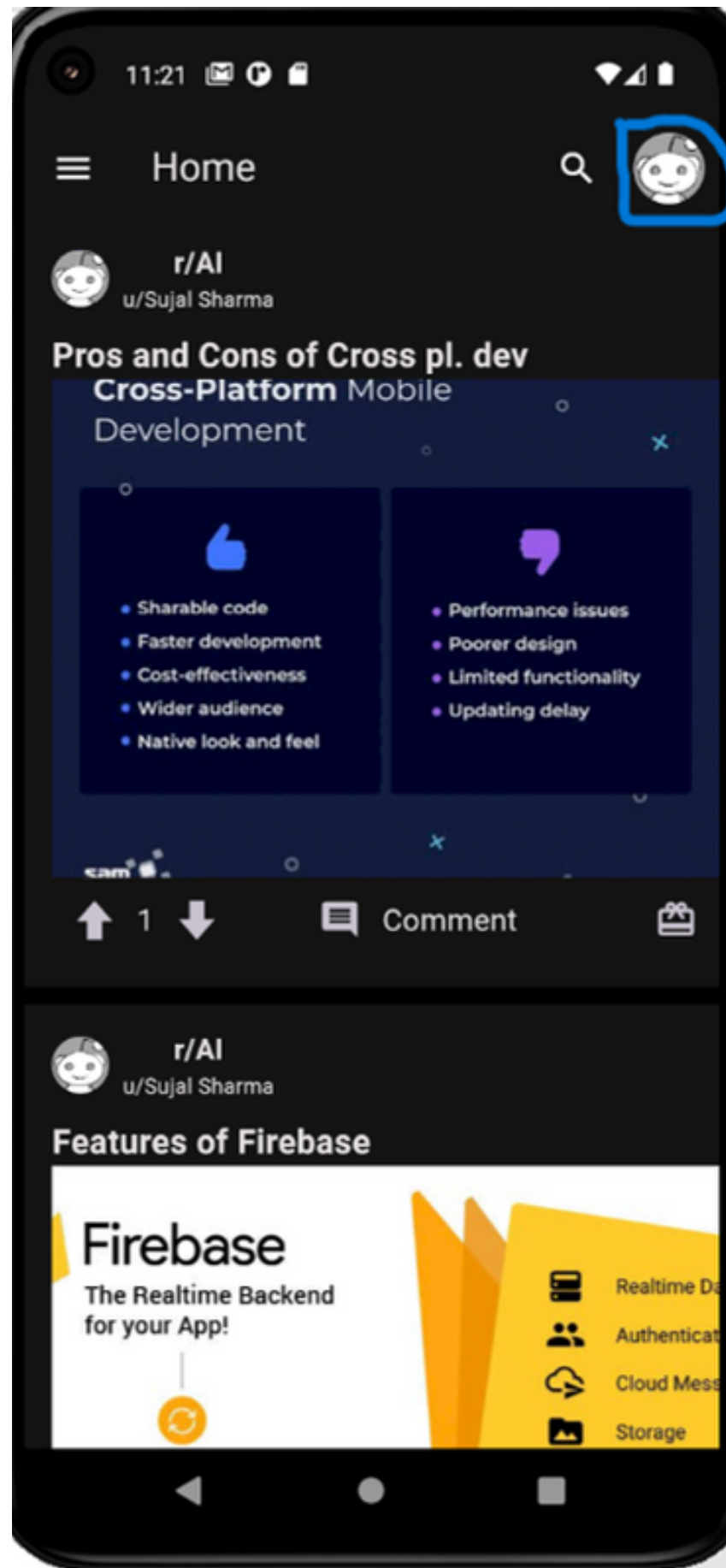
Provide a list of popular subreddits and allow users to search for specific ones.

**Post Interaction:**



# IMPLEMENTATION







# CONCLUSION?

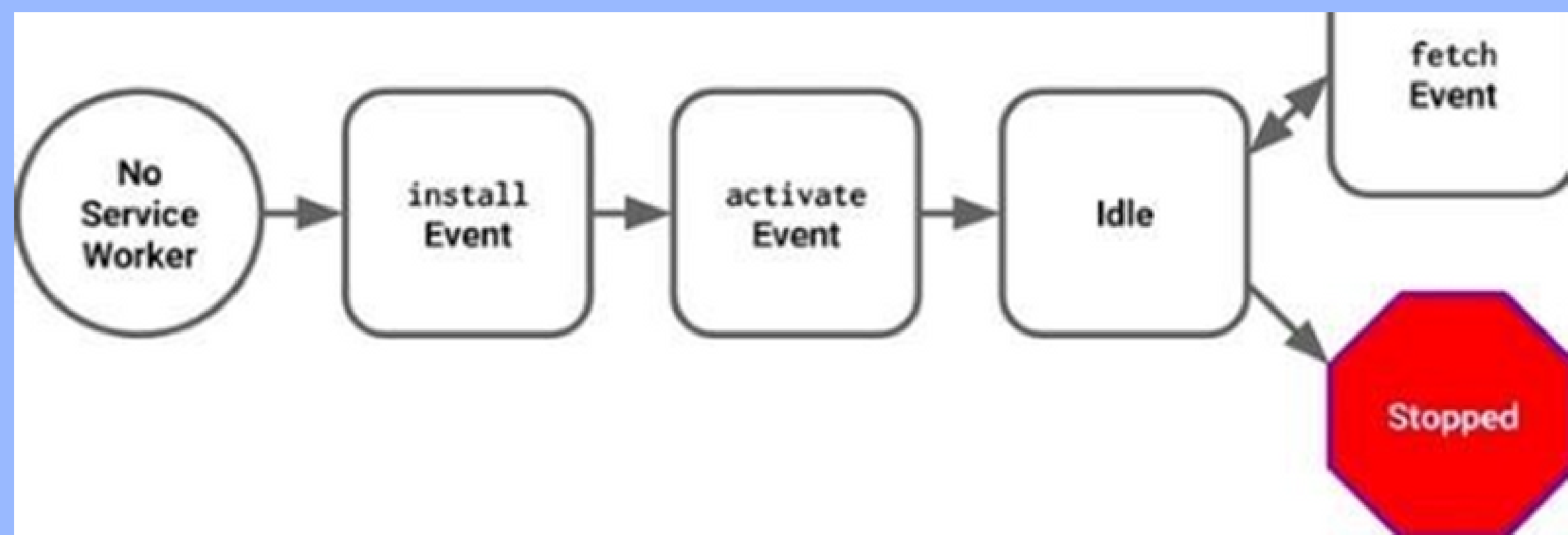
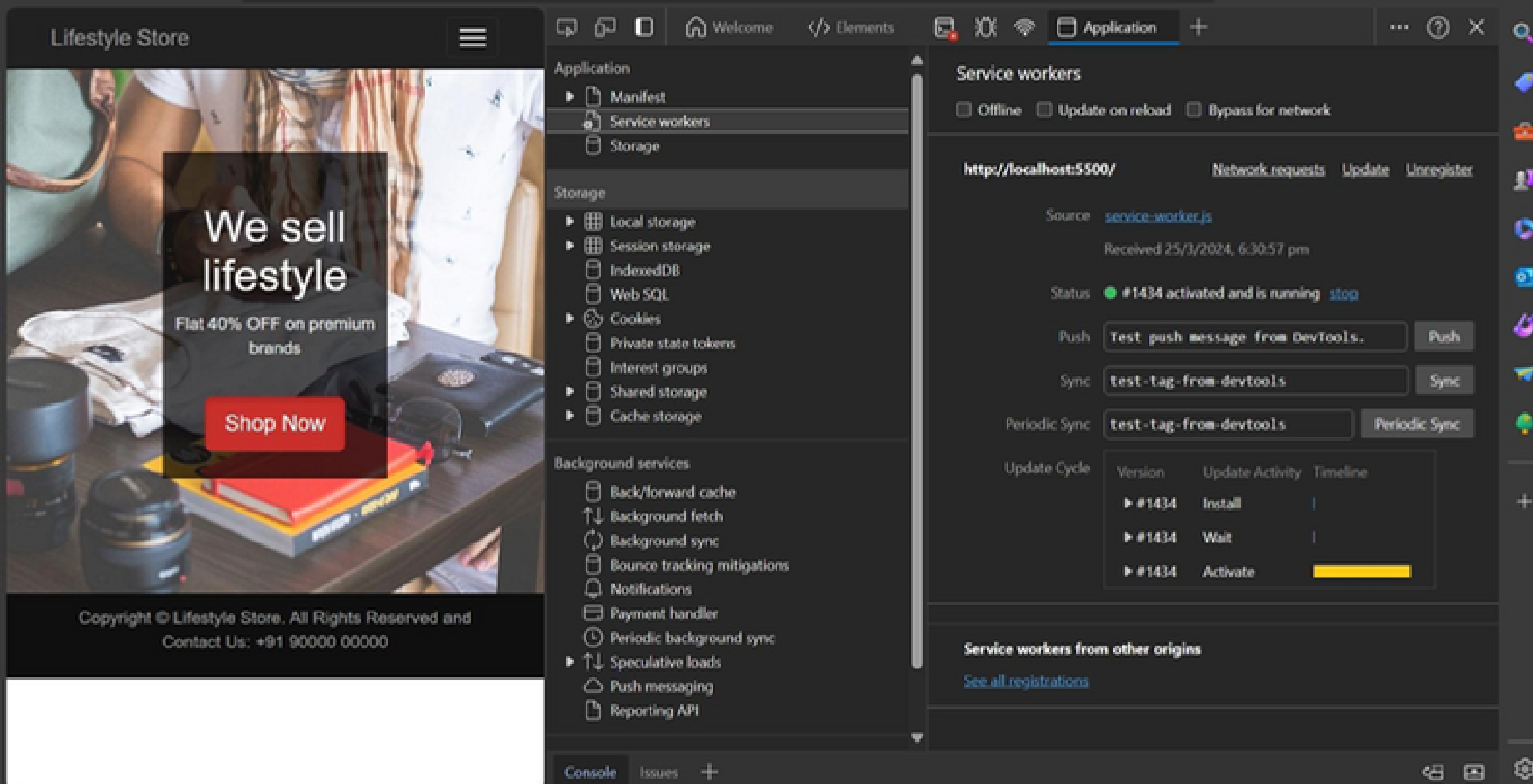
Developing a Reddit clone application using Flutter offers a robust and versatile platform for creating a social media experience reminiscent of the popular Reddit platform. Through the integration of various features and functionalities, this project aims to provide users with a familiar and engaging environment for sharing content, participating in discussions, and connecting with like-minded individuals.



# **PWA INTRODUCTION FOR E COMMERCE WEBSITE**

**Progressive Web Applications (PWAs) represent a significant advancement in web technology, offering an enhanced user experience and bridging the gap between web and native mobile applications. For e-commerce websites, PWAs present a compelling solution to engage users, increase conversions, and drive revenue by delivering fast, reliable, and engaging experiences across devices.**

**PWAs are designed to work seamlessly across different platforms and devices, including desktops, tablets, and smartphones. This ensures that users can access the e-commerce website regardless of the device they are using, providing a consistent experience across the board.**



10:08:02 am - 127.0.0.1:5500

http://127.0.0.1:5500/index.html

59

Performance

89

Accessibility

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Best Practices

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SEO

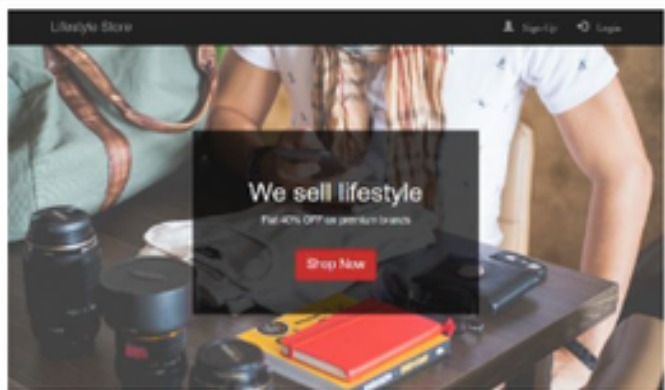
PWA

✓

PWA

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Performance



Console Issues +

Font will be used while loading: <https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/fonts/glyphicons-halflings-regular.woff2>

2 Fetch successful! [service-worker.js:52](#)

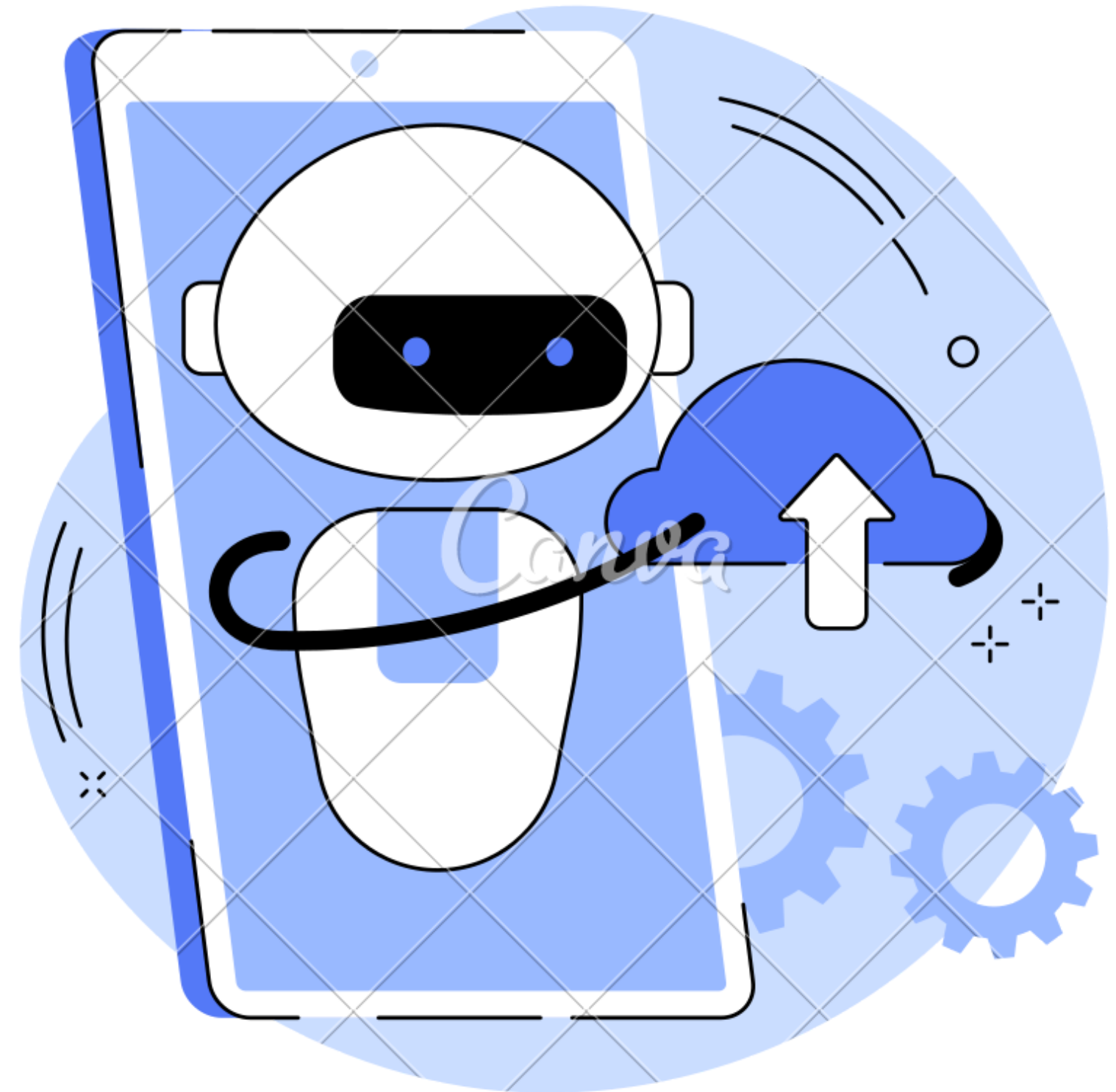
Notification permission granted. [index.html:91](#)

2 Fetch successful! [service-worker.js:52](#)

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# CONCLUSION

Developing a Progressive Web Application (PWA) for an e-commerce website presents a promising opportunity to enhance user engagement, accessibility, and overall shopping experience. By leveraging the capabilities of PWAs, businesses can bridge the gap between traditional websites and native mobile applications, offering users a seamless and intuitive interface across various devices and platforms.







**THANK YOU FOR  
LISTENING!**