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Reddit Browser

Description

Reddit Browser shows posts from Reddit.com. Users can indicate a set of subreddits that they would like to follow and the app shows posts from those subreddits.
Users can interact with the post (i.e. view image posts, play video posts, etc). Comments (or a subset), thumbnails, and comment text and links are displayed in detail view.

Intended User

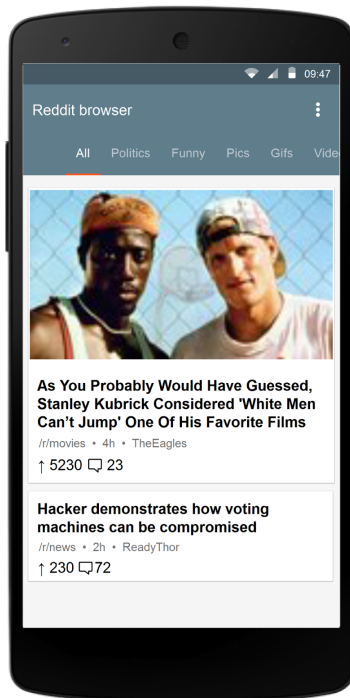The app is for users who would like an easier and fun way to browse reddit.com.

Features

- Shows posts from subreddits indicated by the user
- Caches data - uses mobile data economically

- App also has a widget to see reddit posts at a glance on the homescreen
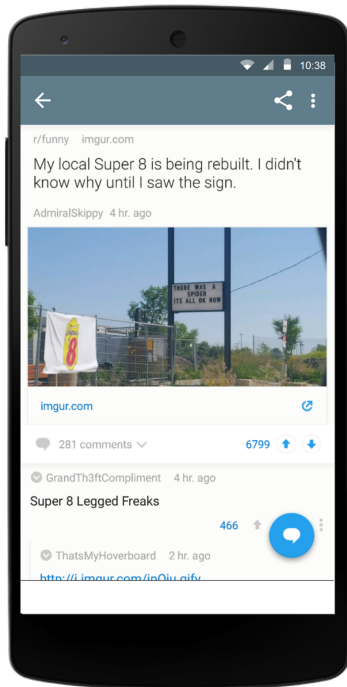
User Interface Mocks

Main Screen

Main screen - shows posts from all subreddits in a card layout. Touching a card layout opens the detailed screen for that post. Posts can be any of text, picture or video type.

Detail screen

Detailed screen for a reddit post. Opens post in a webview.

Key Considerations

How will your app handle data persistence?

A content provider will handle data persistence

Describe any libraries you'll be using and share your reasoning for including them.

Picasso and volley libraries will handle the loading and caching of images.

Describe how you will implement Google Play Services.

The app will use Google play services to show ads. There will be two flavour of the app: free and paid. Free version will show banner and interstitial ads.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

- Configure libraries
- Configure flavours of the app: free and paid

Task 2: Implement UI for Each Activity and Fragment

- Build UI for Main Activity/ fragment
- Build UI for Detail activity/ fragment

Task 3: Implement content provider for storing subreddits

- Implement content provider
- Test with dummy data

Task 4: Implement UI for adding subreddits

- Create layout
- Integrate with content provider

Task 5: Implement homescreen widget

- Create layout
- Integrate with content provider

Task 6: Finalise app

- Check if free and paid flavours work correctly
- Check subreddit are stored correctly and posts are shown from them in Main activity

Submission Instructions

1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"