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Reddit Reader

Description

Reddit Reader shows subreddits from Reddit.com. User can add multiple subreddits category that they like to follow. RR shows posts from those subreddits. User can interact with the post (i.e. view image posts, play video posts, etc) and they can dismiss it to receive another.

Intended User

This application is for users who use Reddit.com and migrated from website era to mobile era. RR will give ease to user to browse Subreddits.

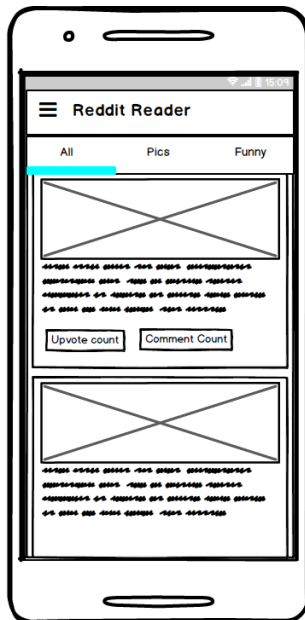
Features

- Shows post from subscribed subreddits.
- App cache data and uses data economically
- Gives widget to see post on home screen.

User Interface Mocks

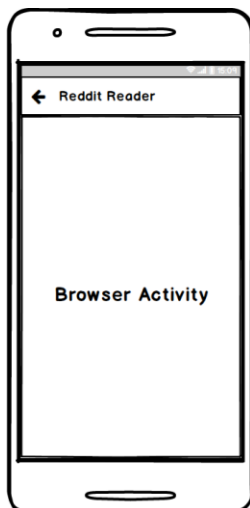
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



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.

Screen 2



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 corner cases in the UX.

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

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

For example, Picasso or Glide to 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 using Material Design

- Build UI for Main Activity/ fragment using Material Design
- Build UI for Detail activity/ fragment using Material Design

Task 3: Implement web APIs using library

- Searching best third party library for Reddit APIs
- Implement library

Task 4: Implement content provider for storing subreddits

- Implement Content Provider
- Test with dummy data

Task 5: Implement UI for adding subreddits

- Create layout
- Integrate with content provider

Task 6: Implement home screen widget

- Create layout
- Integrate with content provider

Task 7: 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 →
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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**"