

How to Use this Template

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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”**
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Reddit Reader

Description

(Same as Udacity recommended sample project)

The user subscribes to a large number of subreddits, finds it hard to keep up with them, and has long stretches where some are neglected. He/she wants a way to get news/posts/threads from all of them equally.

Intended User

Current or new Reddit users.

Features

Syncs subreddits with the user's account

Able to add and view comments

Subscribe to subreddits

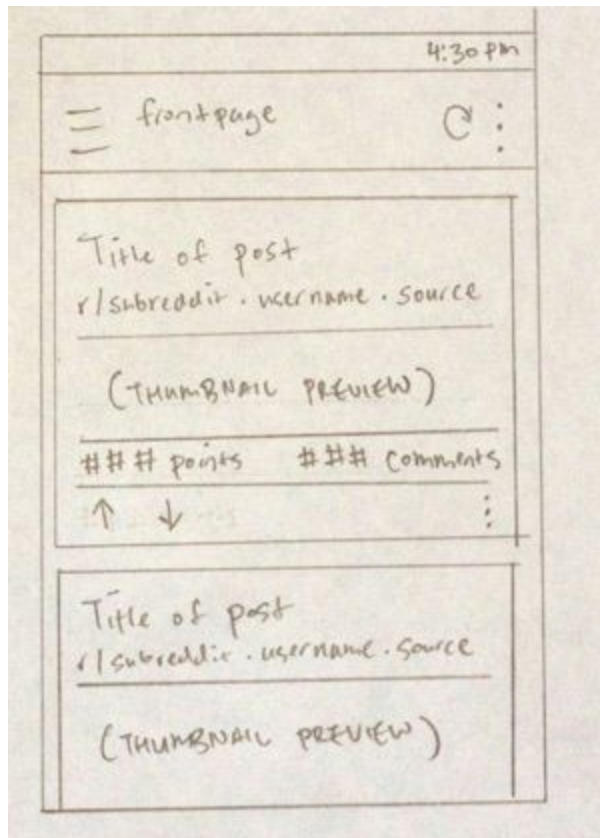
Browse subreddits

Up and down vote posts

Use a widget to see the latest posts

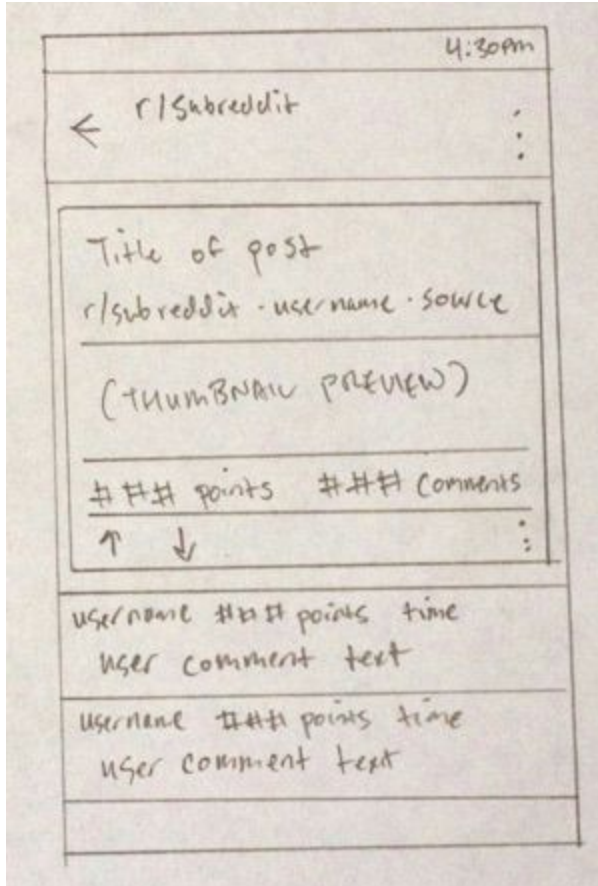
User Interface Mocks

Screen 1



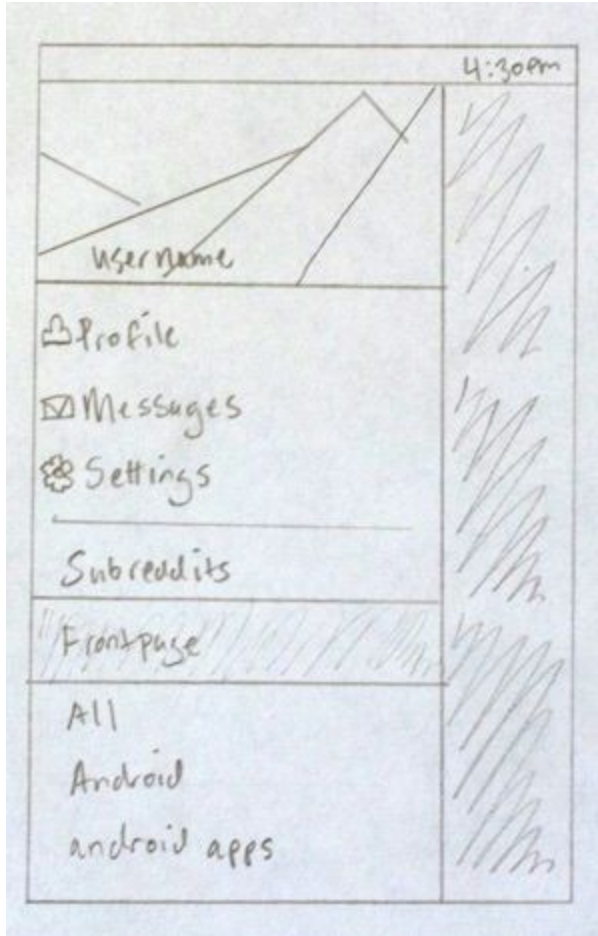
The main screen, a list fragment.

Screen 2



Detail view of a post, showing post info and user comments.

Screen 3



Navigation drawer with header view.

Key Considerations

How will your app handle data persistence?

The app will use sqlite and a content provider.

Describe any corner cases in the UX.

When the user rotates the device the app should show the user a tablet optimized view if they are using a tablet, or a phone optimized view if they are using a phone.

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

Picasso for handling images. Reddit uses a lot of images and Picasso would help with memory and disk caching of images.

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: Implement UI

Setup list fragment to display Reddit posts using cells and/or cards.

Task 2: Setup http connection

Setup http connection + api calls
Parse JSON and display into list fragment

Task 3: Add user login

Enable user to login

- Get user subreddits
- Get user profile info

Task 4: Implement UI features

Implement Picasso to handle images
Add up/down voting
Create UI for reading/hiding comments
Implement UI for changing subreddits

Task 5: Implement Content Provider and database

Setup database
Setup Content Provider
Setup SyncAdapter

Task 6: Setup Google Play Services

Add Google analytics

Add Google ads

Task 7: Setup widget

Task 8: Implement optional components

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