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MyReddit

Description

This app allows a user to indicate a set of subreddits that they would like to follow and store. MyReddit is an unofficial app. Reddit and the Reddit logo are registered trademarks owned by Reddit Inc.

Intended User

This app is primarily intended for reddit readers who have trouble following their favourite subreddits.

Features

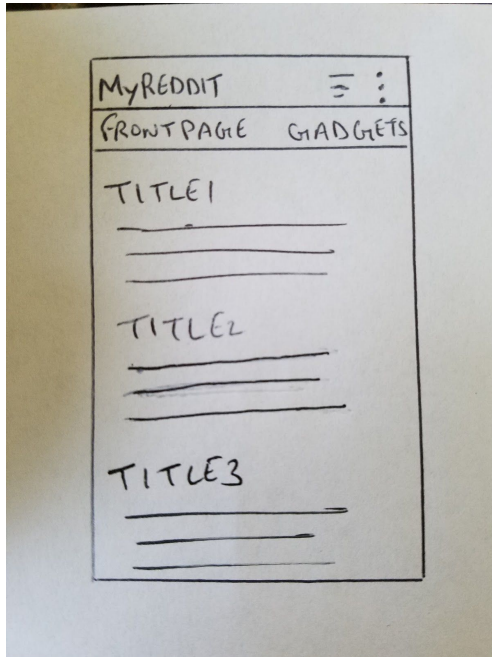
- Allows user to indicate set of subreddits
- Presents posts from the selected subreddits

- User can play video posts, view image posts
- User can read comments for a particular post

User Interface Mocks

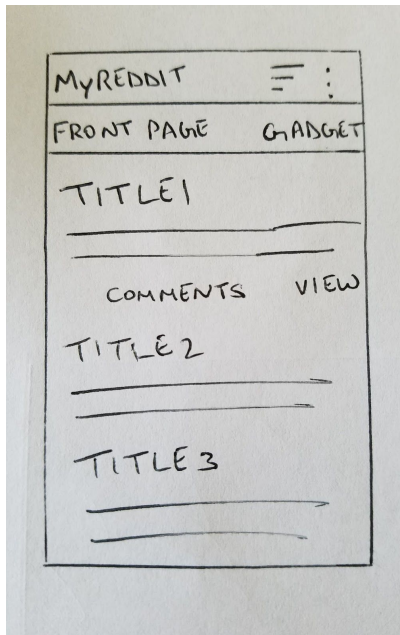
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



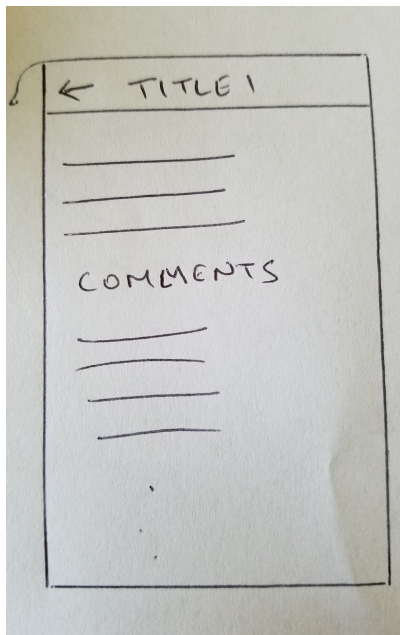
My Screen of the App. This is the launcher activity. By a default, a set of subreddits will be loaded.

Screen 2



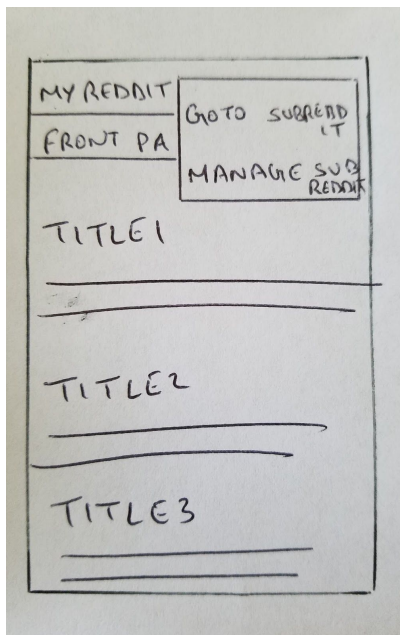
When a post is tapped once, two buttons show up to either view the full post in a separate activity or view all the comments for that post.

Screen 3



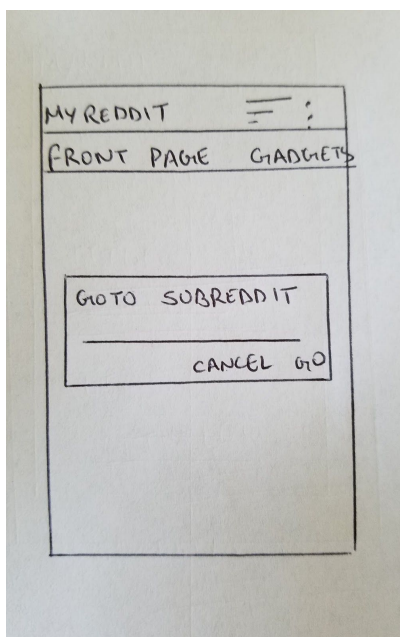
This is the layout for viewing the full post and the comments.

Screen 4



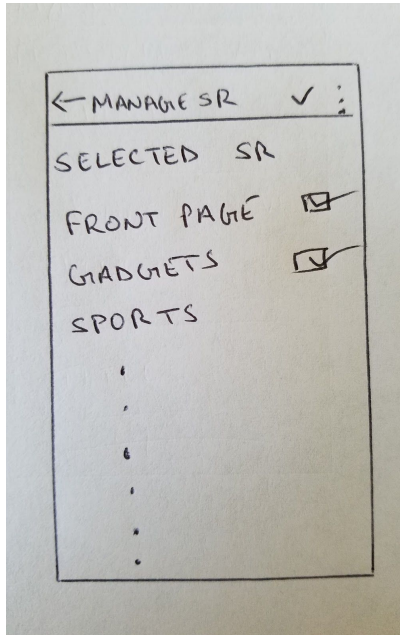
The settings menu gives users options to add a subreddit of their choice or manage existing subreddits.

Screen 5



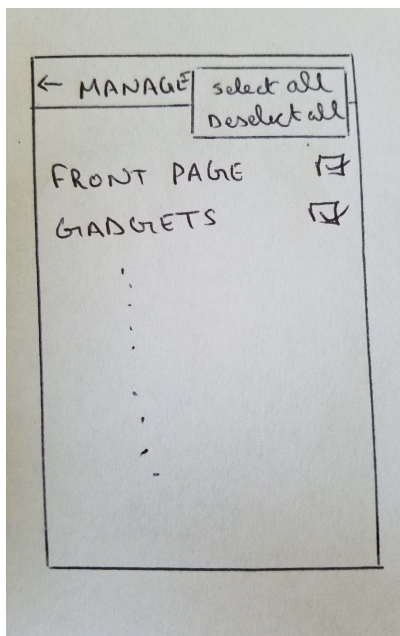
Dialog box for adding a subreddit of user's choice.

Screen 6



Fragment to manage the subreddits within the app.

Screen 7



Selection component within the manage subreddits fragment.

Key Considerations

How will your app handle data persistence?

This app pulls data every time from the Reddit servers. However, the user preferences for subreddits are stored in shared preferences.

Describe any corner cases in the UX.

The app will notify users to select at least one subreddit in the manage subreddits fragment if no subreddit is selected.

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

Picasso is used for loading and caching the images. ButterKnife library is used for binding Picasso is used to handle the loading and 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: Project Setup

- Create Application
- Configure App dependencies and other libraries
- Add required permissions to the manifest file

Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:

- Build UI for MainActivity
- Build UI for Main Fragment - which shows posts from subscribed reddit on launch.

Task 3: Create layouts for all fragments

- Create layout for Comments Fragment
- Create layout for Manage Subreddits Fragment
- Create layout for Posts Fragment

Task 4: Create a manager class for connecting with reddit

- This class manages connections to and from the Reddit site.
- Used by the UI components of the application to fetch the data.

Task 5: Handle edge cases in UI/UX

- Make sure the app works on orientation changes
- Make sure the app persists data correctly using shared preferences
- Make debug and release variants of the app