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**GitHub Username**: Rocksheep

# Pages for Reddit

## Description

With this app you will no longer miss any posts of your favorite subreddits. This app will let you select your favorite subreddits and show you their popular posts one at a time.
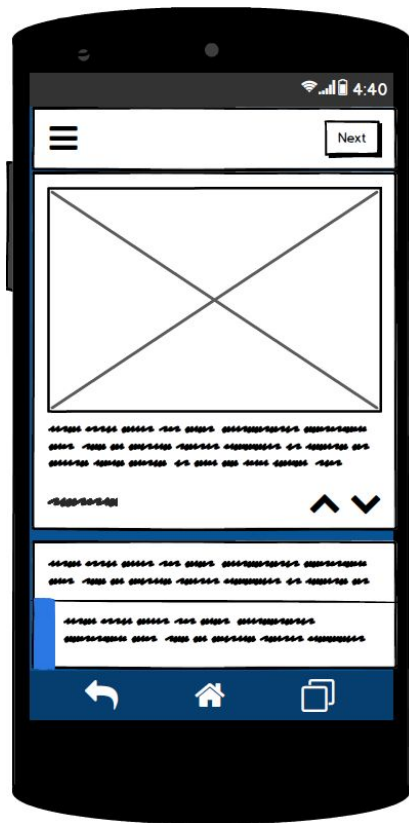
## Intended User

Reddit users that want to receive posts from their favorite subreddits equally.

## Features

- Uses the Reddit API
- Displays Reddit posts in the app
- Allows users to log in to their account
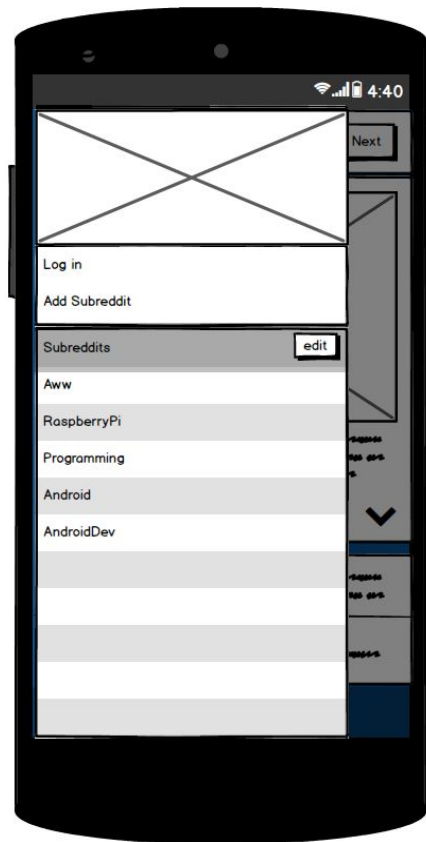
# User Interface Mocks

## Screen 1



This is the main screen of the application. Here you can see the current Reddit post. When you click on the hamburger menu you will see Screen 2. If a user is signed in he will be able to up/down vote posts.

## Screen 2



Here you can see a list of all the selected subreddits. There is a quick way to add a subreddit by pressing on Add Subreddit. If they click it they will see the modal that's displayed on screen 5. A user can also login to his Reddit account to immediately enter all his subscribed subreddits. When a user presses 'log in' he will go to screen 3. If he presses 'edit' button next to subreddits he will see screen 4.

## Screen 3
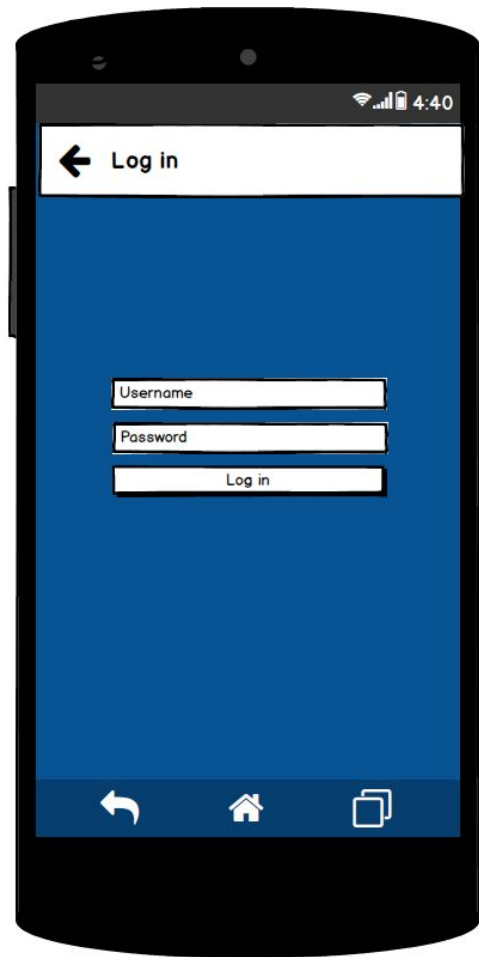


The user can log in here.

## Screen 4
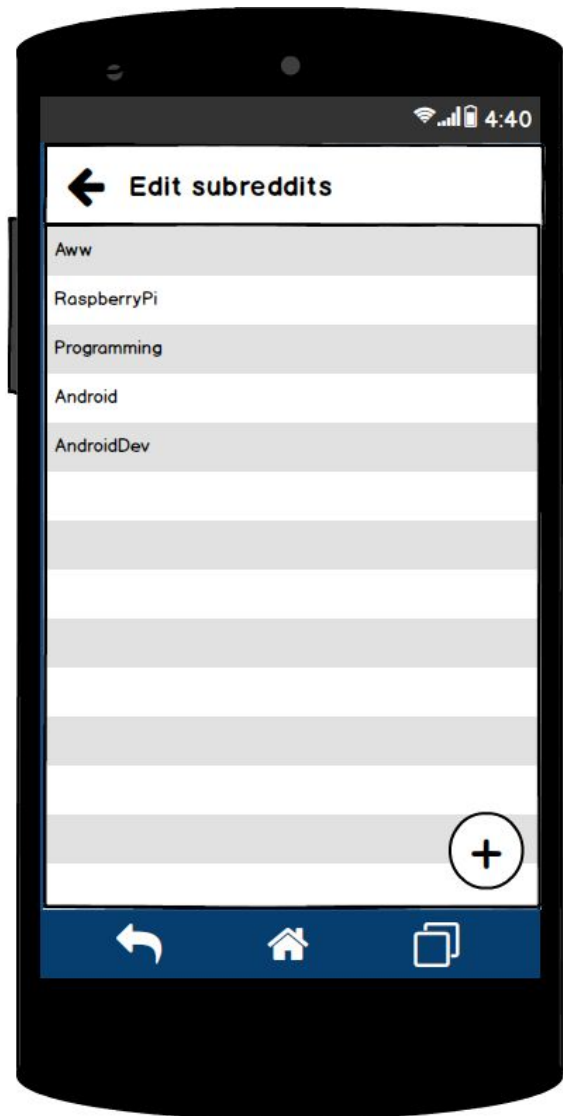


Here the user will see all his added subreddits. There is also an 'add subreddit' button on this page. The user can remove subreddits by swiping them off the screen. When a user presses the 'add subreddit' button they will see a modal. This modal can be seen on screen 5.

## Screen 5
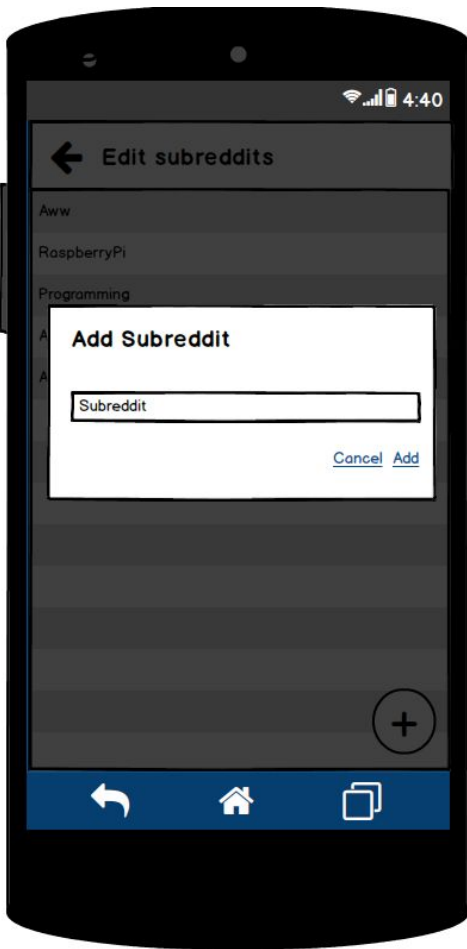


The user can enter the name of the subreddit here. After having added the subreddit its posts will be loaded on the main page.

## Screen 6
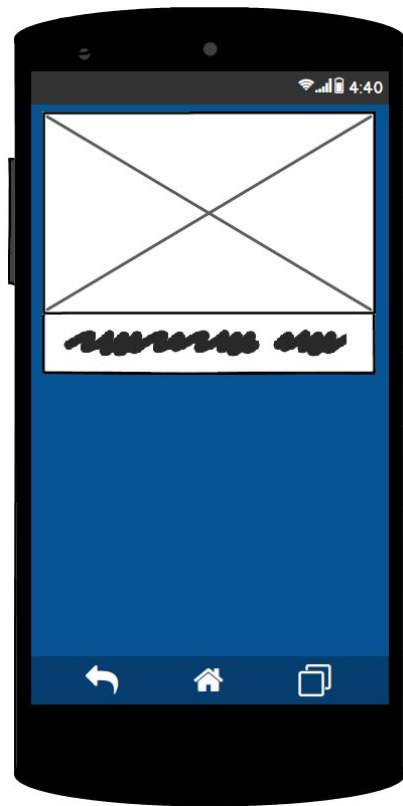


Here you see the widget. The widget will show the content of the post with the author and subreddit underneath.

**General tablet layout**



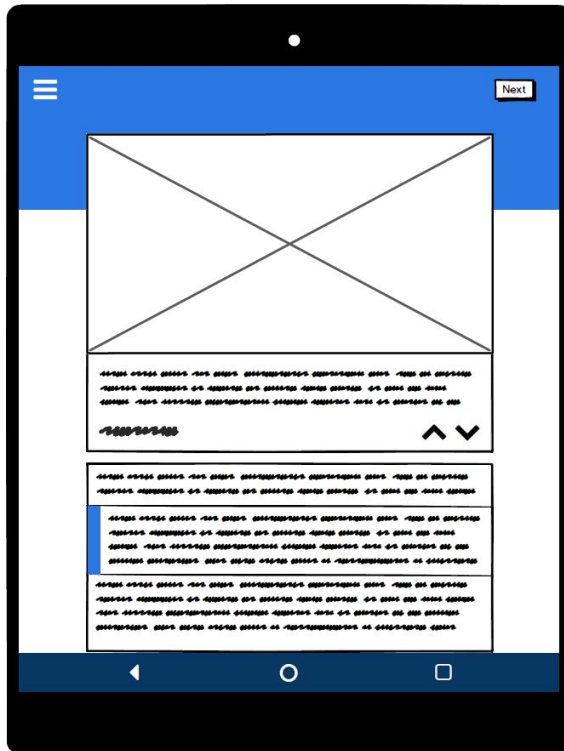The picture above is a general idea of how the tablet will look on tablets.

# Key Considerations

**How will your app handle data persistence?**

The application retrieves all the data from Reddit using the Reddit API. The user can login on his reddit account using the app. So a private shared preference will be used to store the reddit accesstoken.
The subreddits that the user selects will be stored in a local sqlite database.

**Describe any corner cases in the UX.**

- When a user has no subreddits selected he will see a short explanation on how to add posts.
- When the user has no working internet connection he will receive a warning.
- When there are no comments available the comment block will show a 'no comments available' message.

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

- Picasso for loading images.
- Retrofit for API calls
- Simonvt/schematic for generating database content providers

# 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
- Set-up Content Providers

## Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:
- Build UI for MainActivity
- Build UI for Login
- Build UI for selecting sub-reddits

## Task 3: Retrieve data from Reddit

- Allow users to add subreddits to retrieval list.
- Retrieve posts from selected subreddits
- Show retrieved posts
- Add dismiss functionality on post

## Task 4: Add extra touches

- Add error handling
- Allow user to login and retrieve all his subreddits.
- Allow user to up/down vote posts

### Task 5: Creating the widget

- Create widget

### Task 6: Tablet support

- Add assets for tablets
- Add tablet views

### Task 7: Accessibility

- Add accessibility features

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