

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]
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[Description](#)

[Intended User](#)

[Features](#)

[User Interface Mocks](#)

[Screen 1](#)

[Screen 2](#)

[Key Considerations](#)

[How will your app handle data persistence?](#)

[Describe any corner cases in the UX.](#)

[Describe any libraries you’ll be using and share your reasoning for including them.](#)

[Describe how you will implement Google Play Services.](#)

[Next Steps: Required Tasks](#)

[Task 1: Project Setup](#)

[Task 2: Implement UI for Each Activity and Fragment](#)

[Task 3: Your Next Task](#)

[Task 4: Your Next Task](#)

[Task 5: Your Next Task](#) ☐

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RedditSwipe

Description

RedditSwipe brings you the popular website Reddit through a whole new lense. Browsing your favorite subreddits and upvoting/downvoting has never been easier! RedditSwipe brings the most popular posts in your favorite subreddits to you so you don’t have to go searching for them. Want to leave an upvote? Swipe right. Want to downvote? Swipe left. It’s that easy!

Intended User

This app is intended for Reddit users who want a more simple way to view their favorite content and to participate.

Features

The main features include:

- The app allows you to login to your Reddit account
- Pulls the subreddits you follow and stores which ones you want to browse
- Allows the user to change which subreddits he sees posts from
- Shows the user to post with the thumbnail, links, and comments
- Allows the user to swipe right to upvote or swipe left to downvote and quickly move to the next 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

Phone and Tablet



Firstly, the user will be able to login to their reddit account via RedditSwipe

Screen 2

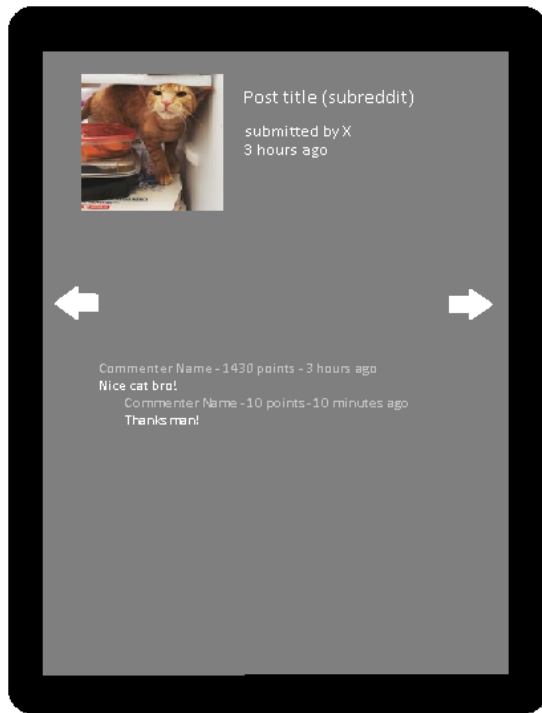
Phone and Tablet



The user will be able to select the subreddits that they want to view in a slide out navigation drawer. They will be able to select from the subreddits that they are currently following.

Screen 3

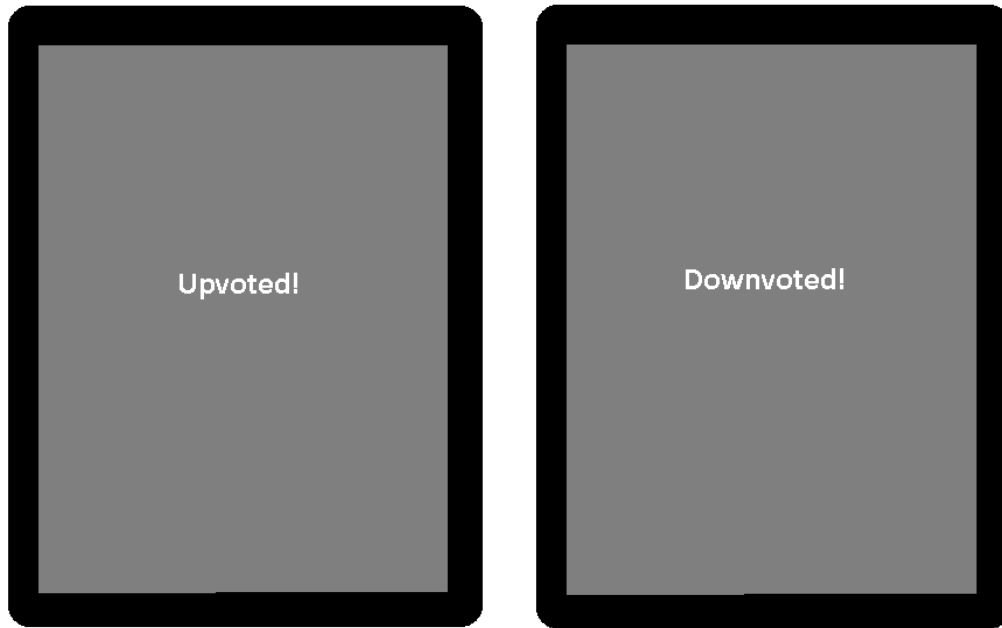
Phone and Tablet



The user will be presented with a random popular post from the subreddits they have selected. They can see the post thumbnail, link, title, poster, time posted, and comments. On this screen, the user will be able to swipe right to upvote or swipe left to downvote. These are the main calls to action.

Screen 4

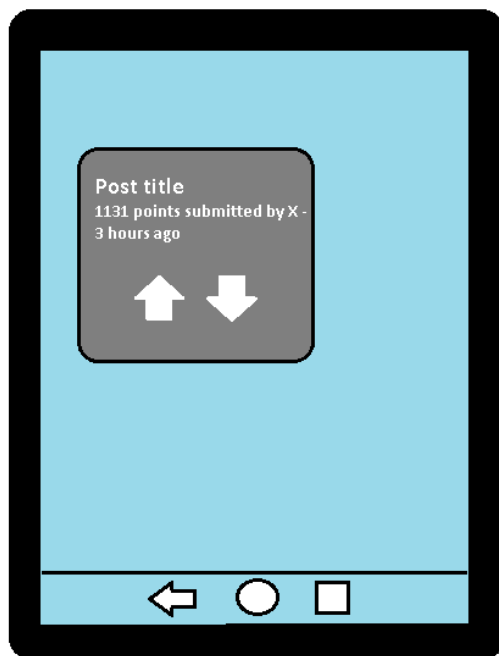
Phone and Tablet



The user will be shown the action that they took (upvoted or downvoted). After this a new random post will appear for them to vote on.

Screen 5

Widget



The user will be able to add a widget to their home screen which will show one random post at a time (similar to in the app). The user will be able to select the post to view it,

upvote or downvote the post. Once the user places a vote, they will be presented with a new post.

Key Considerations

How will your app handle data persistence?

I will build a content provider to store the user's subreddit preferences.

Describe any corner cases in the UX.

The user can click on the thumbnail of a post to load the full image in a browser. The user can press back to navigate back to the app.

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

I will be using Picasso to load and present image thumbnails.

Describe how you will implement Google Play Services.

Admob will be used to show a small add on the bottom of the post page. Analytics will also be used to track page views.

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

Tasks to complete

- Setup Picasso gradle dependency
- Hook up Analytics
- Hook up Admob

Task 2: Build services infrastructure

Subtasks:

- Build infrastructure to hit Reddit web services using AsyncTasks
- Validate that data is retrieved successfully
- Build an AsyncTaskLoader to retrieve post data to display on the post detail screen

Task 3: Implement UI for Each Activity and Fragment

Subtasks:

- Build UI for Logon/main activity
- Build UI for Navigation drawer
- Build UI for post detail activity

Task 4: Build Content Provider

Build the persistent storage Content Provider.

Subtasks:

- Build Content Provider
- Load subreddit data upon logon

Task 5: Build swipe capability

Subtasks:

- Add ability to swipe to upvote/downvote a post
- Add transition into next post

Task 5: Build widget

Subtasks:

- Create the widget infrastructure
- Build the widget UI

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