

How to Use this Template

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2. Rename this file: **“Capstone_Stage1”**
3. Replace the text **in green**

Submission Instructions

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”**
3. Add this document to your repo. Make sure it’s named **“Capstone_Stage1.pdf”**

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SimplyReddit

Description

Take controller of your Reddit with a simple and easy way to manage your Subreddits all from your mobile phone.

Intended User

Reddit users that are looking for a simple way to view their Subreddits.

Features

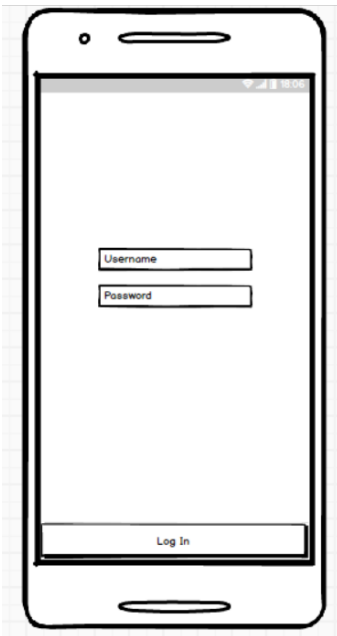
List the main features of your app. For example:

- Access your favorite subreddits
- Data will be available off line.

User Interface Mocks

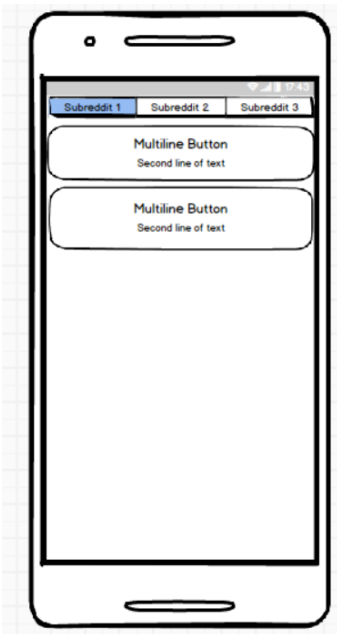
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



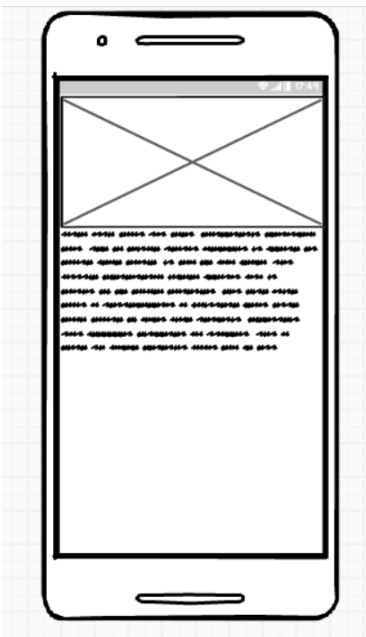
Log in screen

Screen 2



Main Screen

Screen 3



Story Screen

Key Considerations

How will your app handle data persistence?

Will use Content Provider to persist data.

Describe any corner cases in the UX.

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

Picasso to handle the loading and caching of images. Retrofit to handle restful communication to the Reddit API. Schematic to auto generate Content Providers.

Describe how you will implement Google Play Services.

Admob to display ads and Analytics to understand apps user behaviors.

Next Steps: Required Tasks

Task 1: Project Setup

- Configure libraries
- Configure Admob
- Configure Analytics

Task 2: Implement UI for Each Activity and Fragment

- Build UI for LoginActivity
- Build UI for MainActivity
- Build UI for Fragment for List of Subreddits
- Build UI for Fragment for Subreddit detail

Task 3: Implement Retrofit

Task 4: Implement Schematic

- Create ReditColumns
- Create ReditDatabase
- Create ReditProvider

Task 5: Implement RecyclerView

- Create List Adapter
- Create Cursor Adapter

Task 6: Implement Picasso