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## RedditTime

### Description

In this App User can see a set of subreddits that they would like to follow and store. This app keeps you touch with your favorite subreddits. Select subreddits to follow. It is an unofficial app. Reddit and Reddit logo are registered trademarks owned by Reddit Inc.

### Intended User

This app is intended for Reddit Users who have trouble in following a large number of their favourite subreddits. 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.

## Features

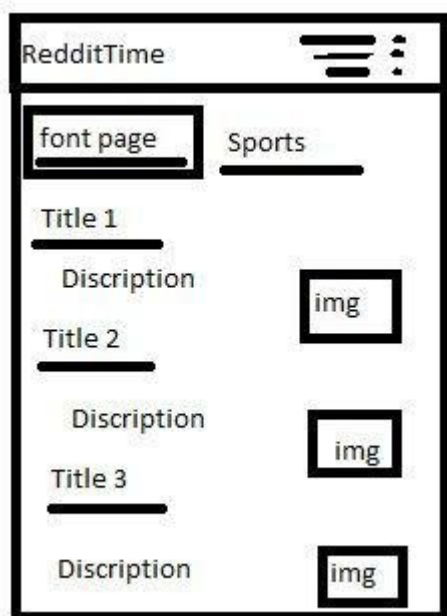
List the main features of your app. For example

- 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
- Provides home screen widget

## User Interface Mocks

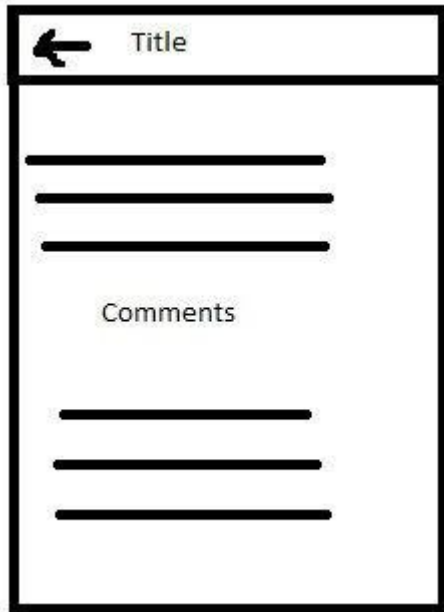
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

### Screen 1



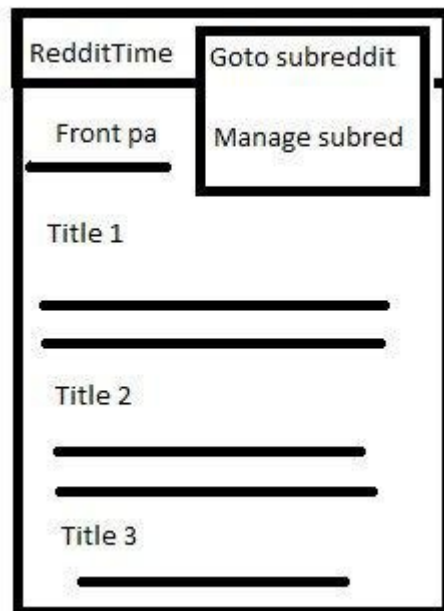
My Screen of the App. This is the launcher activity. By a default, a set of subreddits will be loaded

## Screen 2



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

## Screen 3



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

## Screen 4

The screenshot shows a mobile app interface. At the top is a header bar with the text "RedditTime" on the left and a hamburger menu icon on the right. Below the header are two tabs: "Front page" and "Sports". The "Front page" tab is selected, indicated by a horizontal line underneath it. In the center of the screen is a dialog box with a black border. Inside the dialog box, the text "Goto Subreddit" is at the top. Below it is a text input field. At the bottom of the dialog box are two buttons: "Cancel" and "Go".

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

## Screen 5

The screenshot shows a mobile app interface. At the top is a header bar with a back arrow icon on the left, the text "Manage SubRed" in the center, and a checkmark icon on the right. Below the header, the text "Selected Subreddit" is displayed. Underneath this text is a list of subreddits with checkboxes to their right. The subreddits listed are "Front Page", "Gadgets", and "Sports". The checkboxes for "Front Page" and "Sports" are checked, while the checkbox for "Gadgets" is unchecked. Below "Sports", there are five more list items, each represented by a small dot, indicating a scrollable list.

Fragment to manage the subreddits within the app.

## 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.

Google Play Services (ads) to serve ads

## Next Steps: Required Tasks

### 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**

Task 6 : Widget

- **Create Widget for the app.**
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