

How to Use this Template

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

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

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GitHub Username: *4k1r4sf4t3 games*

redditapp

Description

This is an RSS-Feeder-App which provides save and secure access to www.Reddit.com, the considered "Front Page of the Internet". They have hundreds (if not thousands) of subreddits where users can browse content categories ranging from "funny" to "politics".

If you like to browse through "Reddits" you will enjoy this app.

Intended User

Usual Reddit-app-reader are the aimed target-group

Features

- Logging *save and secure* into your Reddit Account using the App
- Viewing and Posting content to Reddit.com from the app
- Multi-Column ListViews
- *nice Design (User Interface)*

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 Google Drawings, www.ninjamock.com, Paper by 53, Photoshop or Balsamiq.

Screen 1



This is the start page (Main Activity), it provides an User-Input Field to type search-words and a login button (upper right) to insert username/password

Screen 2



screen 2(new intent after user hits login button)

username and password will be saved through hash/cookie-method as a String, so it's a private, save and secure login method.

if there are some login problems, the user will receive a toast message

Screen 3



This is the "comments-intent" which will be started when the user posts a comment or replies to a comment.

Describe how you will implement Google Play Services or other external services.

Parsing XML with Retrofit Library (extracting information from a website)

Parsing JSON with Retrofit Library (posting and extracting information from a website)

POST requests with Retrofit Library

GET requests with Retrofit Library

Integrating an Android App with an existing website API (Reddit open source API)

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

Set up a Android Studio JUnit Test

Set up a Logging-mechanism to get into your Reddit Account using the App

Viewing and Posting content to Reddit.com from the app by using the Reddit open source API (creating get/post requests with Retrofit library)

set up Multi-Column ListViews

set up ListAdapters

implement Toolbars, Navigation Bars, Menus

Passing data between activities with intents

set up CardViews

integrate WebViews

using Android NanoDegree DesignPatterns and conventions

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI LoginActivity
- Build UI for CommentsActivity

Task 4: Implement Reddit-open-API

- *Implement XML-Parsing with Retrofit Library*
- *Implement JSON-parsing with Retrofit Library*
- *Create Post requests with Retrofit Library*
- *Create Get requests with Retrofit Library*
- *Create Toolbars/Navigation Bars/Menues*

Task 5: Design/Functionality

- *Create layout*
- *Passing data between Toolbars/NavigationBars/Menues between activities and intents*
- *Set up the final App-Design*

Submission Instructions

- After you've completed all the sections, download this document as a PDF [File → Download as PDF]
 - Make sure the PDF is named "**Capstone_Stage1.pdf**"
- Submit the PDF as a zip or in a GitHub project repo using the project submission portal

If using GitHub:

- Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
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