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# Reddit Geek

## Description

Introducing **Reddit Geek** a pure reading app, offering the most comprehensive interesting tech news coverage from trusted tech news sources.

Follow a few topics, and **Reddit Geek** allows to search a specific tech news. You can always add more as you find new topics and links.

Read the best in class tech updates and share it with friends. Save news you enjoy or express your prospective.

## Intended User

This application is for the users who are seeking the tech updates on what's happening in gadgets and programming world.

## Features

### Features of Reddit Geek.

- Hot tech news of the day.
- User can search the news and updates.
- User can post links and news from the application.
- Application stores the data.
- Material design.

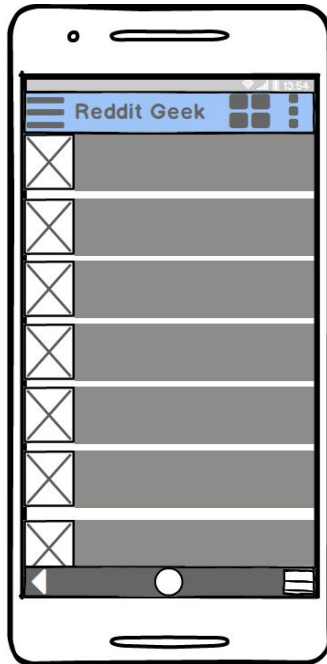
## User Interface Mocks



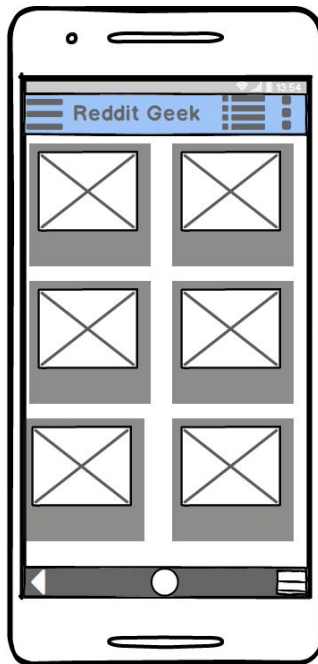
This Screen facilitates user to register with the app or login through SNS .

This following two screens after user log in user will be able to check the news and post the links and user can customise the UI as for his ease like gridview or listview.

Screen 2:



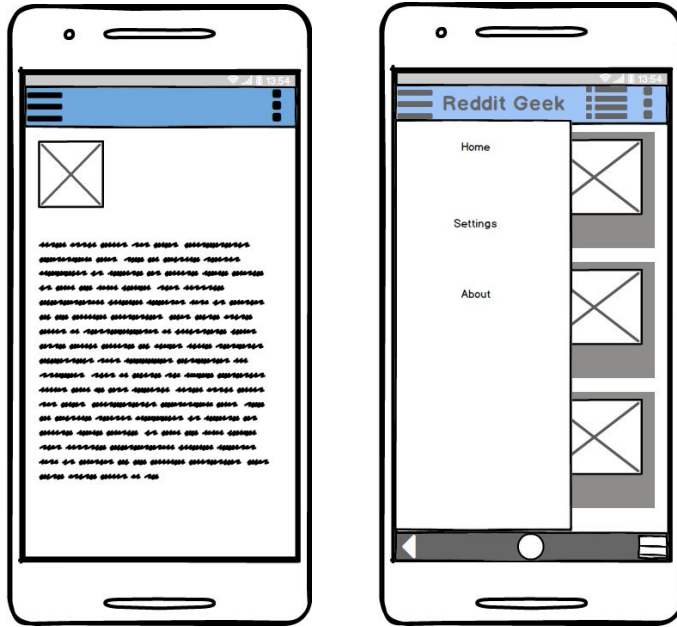
Screen 3:



This following two screens after user log in user will be able to check the news and post the links and user can customise the UI as for his ease like gridview or listview.

Screen 4:

Screen 5:



## Key Considerations

How will your app handle data persistence?

**Reddit Geek** Android Application will be using **RealmDB** ORM persistence framework for storing the data.

Describe any corner cases in the UX.

User can swipe left or right in the detail screen to check the next news. User don't have to go back to fetch different news.

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

**Reddit Geek** uses the following Libraries for network operations.

- Picasso
- Retrofit
- Gson
- OkHttp

**Reddit Geek** uses the following Library for storage operation.

- Realm

- Firebase

**Reddit Geek** uses the following libraries.

- Design Support libraries.
- Custom UI libraries.

Describe how you will implement Google Play Services.

**Reddit Geek** will be using google play services for user signup and location services.

## Next Steps: Required Tasks

### Task 1: Project Setup

Primarily after creating android studio project i will start analysing the Reddit api and preparing the app to work the way API's are structured. And i will see the other configurations such as

- Creating a project in the Developer's Console
- Enabling the APIs for google login and any other APIs
- writing the project ID for inclusion in the Project.

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

List of tasks.

- Building UI for MainActivity
- Building UI for Details Activity
- Building UI for custom components

### Task 3: Implement G+ Login.

In this task user login will be done through GPlus api :

- Configure the project with GDC
- Implement the login functionality

## **Task 4: Implement the Networking Code**

This task will include the designing the business logic of the application which will include

- Interacting with Reddit API to access online and offline news.
- Requesting server to get offers for a specified application.

## **Task 5: Widget Implementation**

Reddit will also have widget that shows the latest news in home screen.

Implementation of widget.

## **Task 6: Refine**

At this point, I should be able to test and refine this app to find any missing/useful feature and rework if any bug.