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RedditApp

Description

Reddit(http://reddit.com) is an entertainment and social networking site where community members can create posts and submit links in themed areas called “subreddits.”
This app is going to allows a user to indicate a set of subreddits that they would like to follow and store.

Intended User

This application is intended to make easiest to users who are subscribed to a large number of subreddits to keep up about the shares on reddit.

Features

Log in to Readit account
Bring data from API Reddit
Display comments
See reddit and subreddits
Ads Banners
Feed order by statements

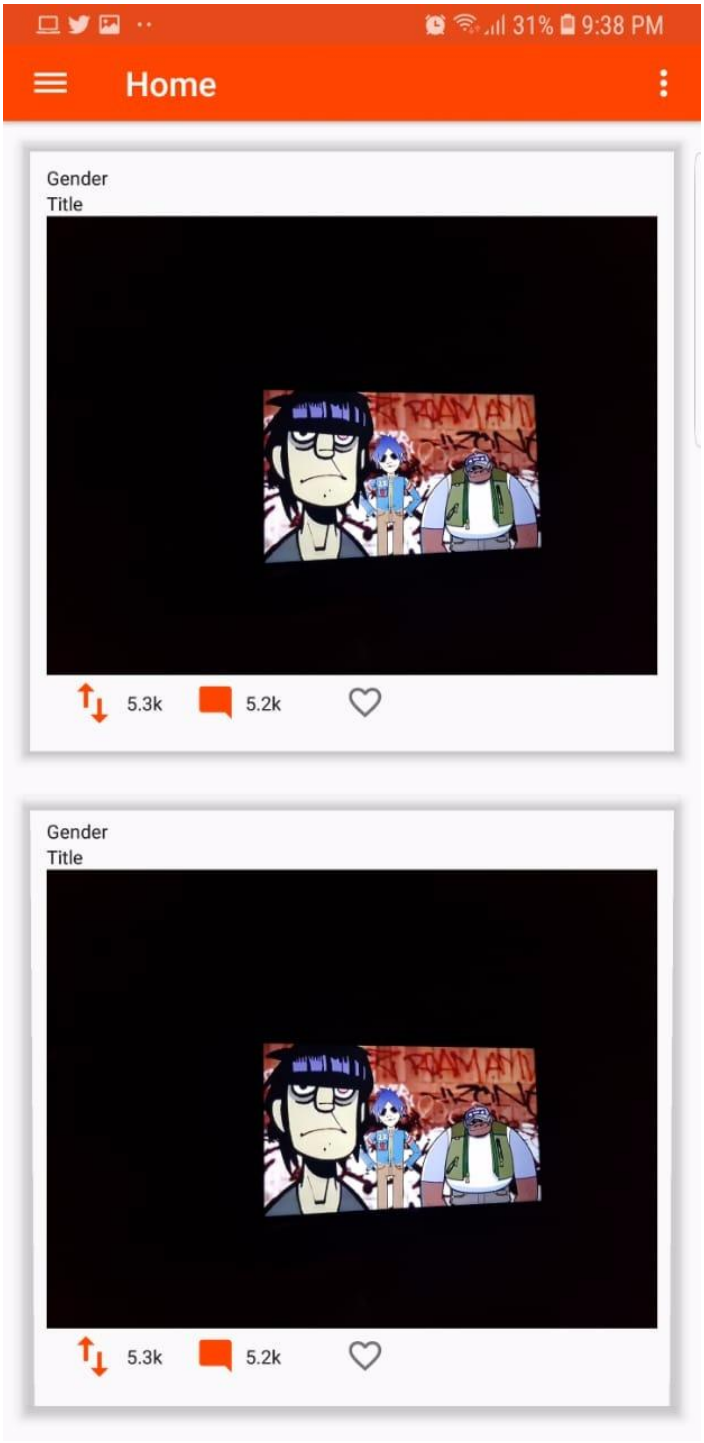
- Hot
- Best
- New
- Controvertial
- Top
- Rising
- Favorite

User Interface Mocks

Login screen

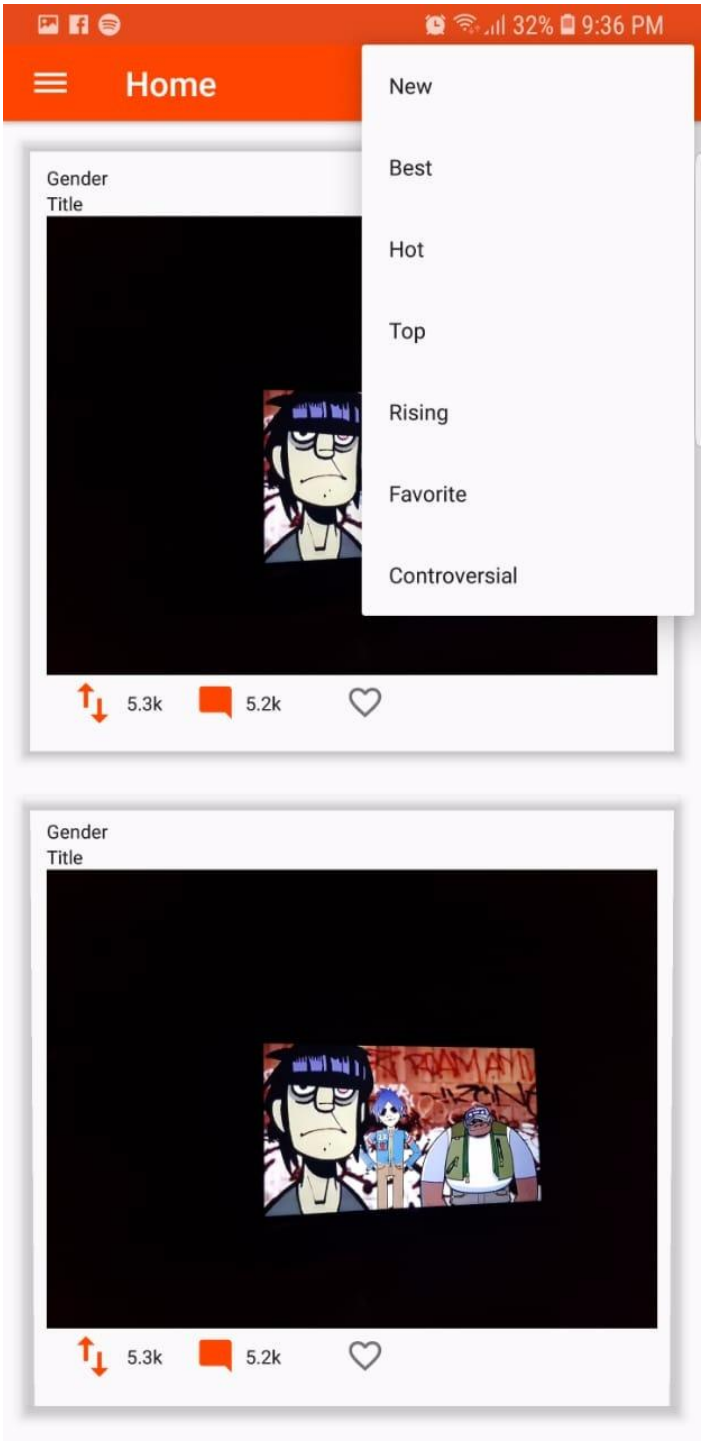
This is the login screen that allows users log in to the app

Home screen



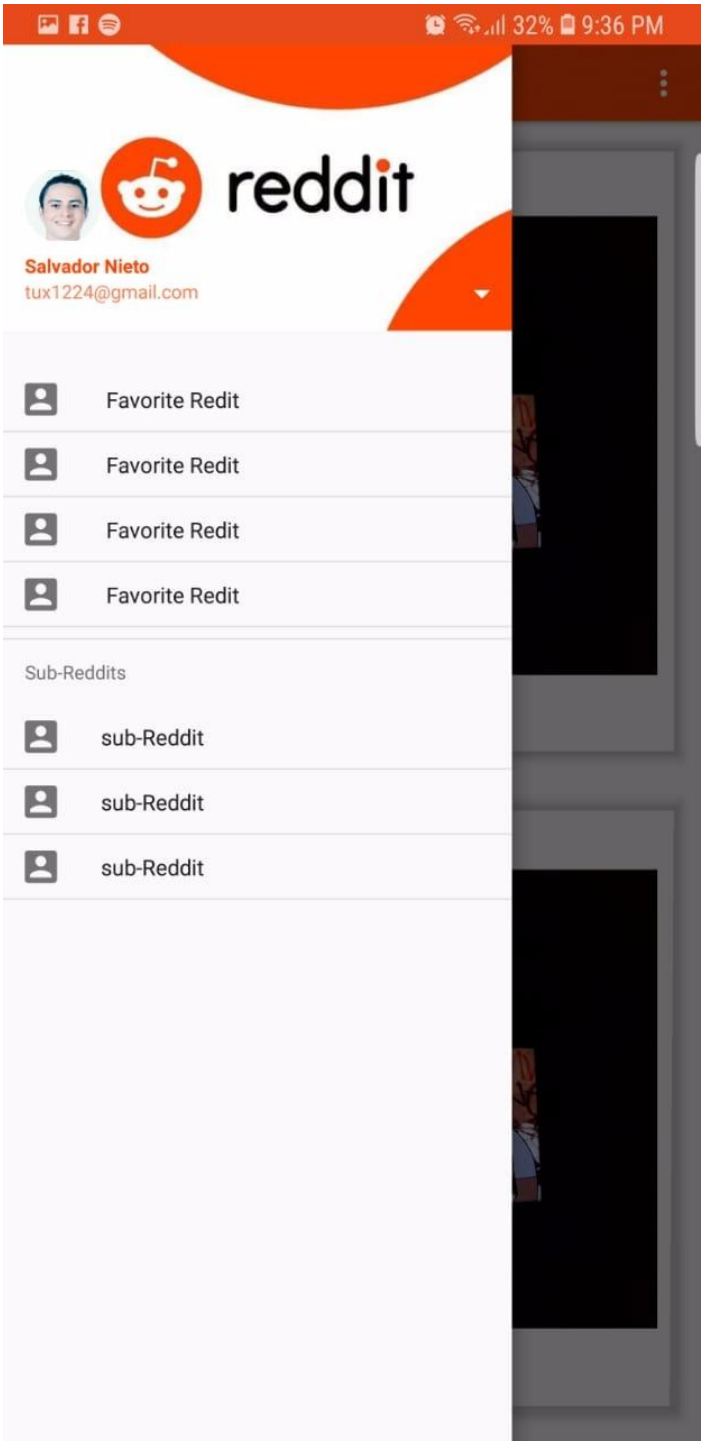
This is the Home screen where users can see retrieved content from reddit.com.

Order options



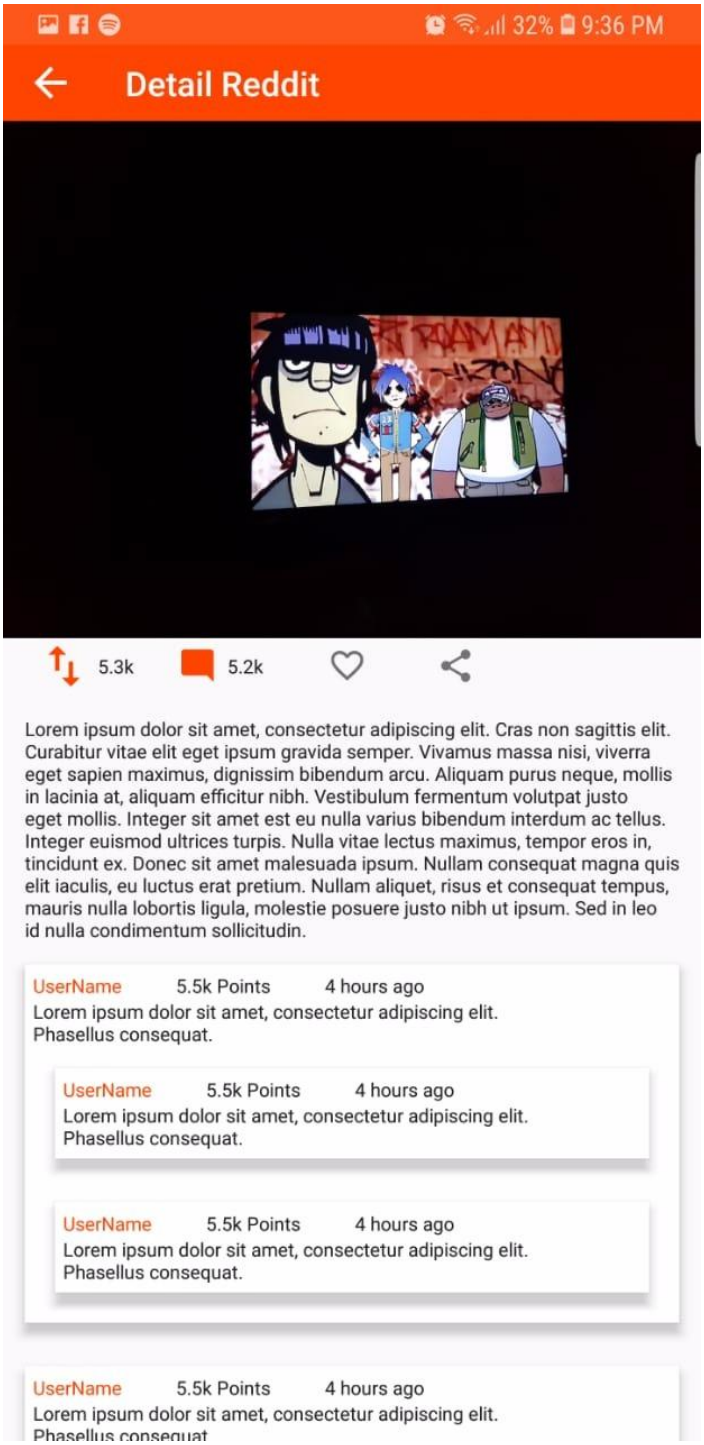
This screen describe the options which will be available for ordering home feed.

Drawer screen



This screen describe the content which will handler into the drawer menu, being the most significant part, user information, favorite reddits and subscribed reddits.

Detail screen



Detail screen allow users see the whole information about reddit once it is clicked over it in home screen.

Key Considerations

Common Project Requirements

- App is written solely in the Java Programming Language
- App keeps all strings in the `strings.xml` file.
- The app enables RTL layout switching on all layouts.
- The app includes support for accessibility

Version Components

- Android Studio 3.3
- gradle:3.1.2
- retrofit2:converter-gson:2.4.0
- retrofit2:retrofit:2.4.0
- gson:2.8.5
- play-services-ads:15.0.0
- google-api-client:1.23.0
- picasso:2.71828

How will your app handle data persistence?

I am going to make uses of content provider and SharePreferences to persist data along the application

Describe any edge or corner cases in the UX.

When user open a reddit to see the whole reddit details, I will show only two level of comments, if user wants to see the nested comments, just will be enough click over the current to display a fragment dialog which let the user see the missing comments

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

As a developer I will use:

- Picaso or Glide to handler loading and displaying images
- Retrofit for http request

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

As a developer:

- I am going to implement Google Play Services to include Admob in the application.

Next Steps: Required Tasks

Task 1: Project Setup

As a developer I will set up:

- Setup project
- Configure libraries

Task 2: Implement UI for Each Activity and Fragment

As a developr I will :

- Build UI for MainActivity
- Build UI for LoginActivity
- Build UI for DetailActivity
- Build UI for DialogFragmentComments

Task 3: Persist data

As a developr I will:

- Create data base
- Create SharePreference definition

Task 4: Google Services registration

As a developer I will:

- Register RedditApp project in order to implement Admob and Analitycs

Task 5: Google Services Implementantion

As a developer I will:

- Implement Admob in free flavor
- Implement Analytics

Task 5: Widget

As a developer I will:

- Create a widget that shows subreddits title
- Implement jobDispacher to fetch updates

Submission Instructions