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Reddit Skimmer

Description

Follow too many subreddits? Tired of missing the top posts? This app will show you the top posts from all your favorite subreddits so you'll always be up to date.
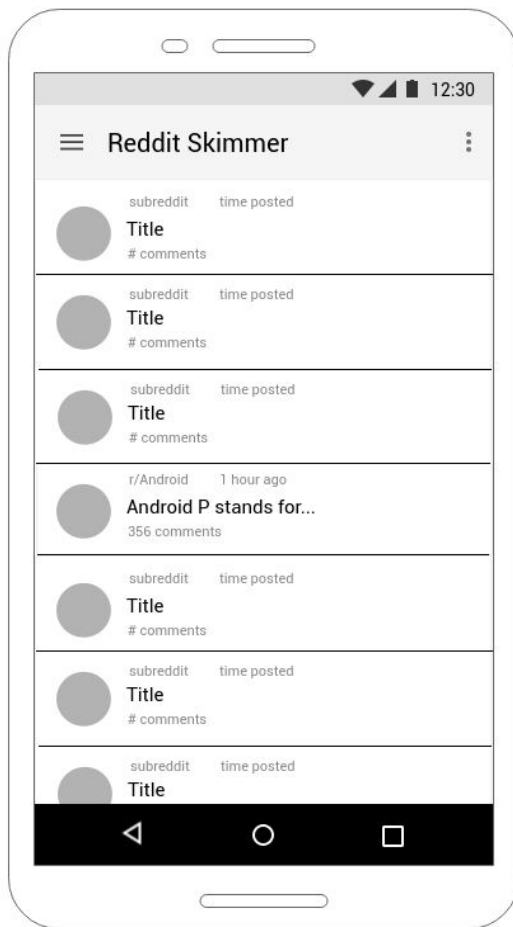
Intended User

Reddit Users

Features

- Log in to reddit account or use anonymously
- Add to and remove from list of subscribed subreddits
- View top posts from all subscribed subreddits
- Open posts to view images, text, links, and comments
- Swipe through the posts of a subreddit
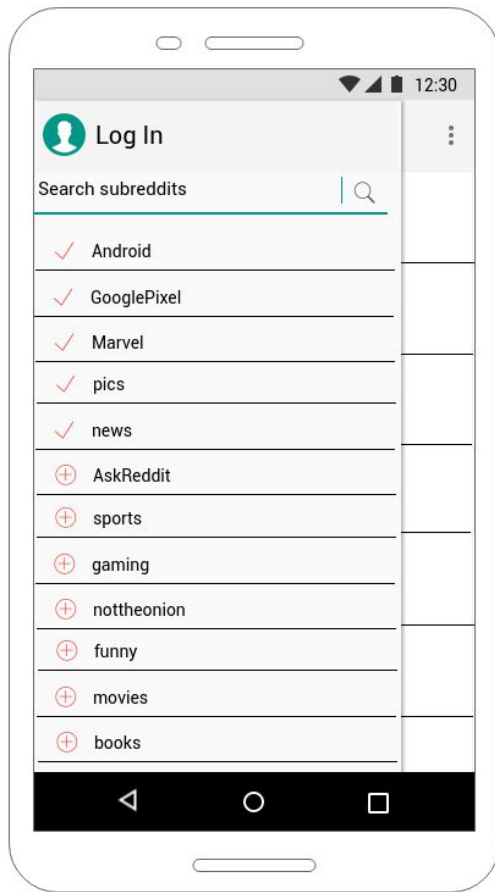
User Interface Mocks

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.
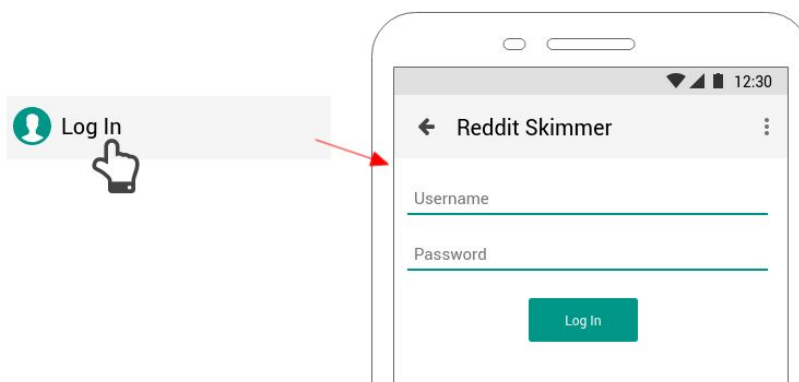
Screen 1

Main activity displays the top posts for every subscribed subreddit
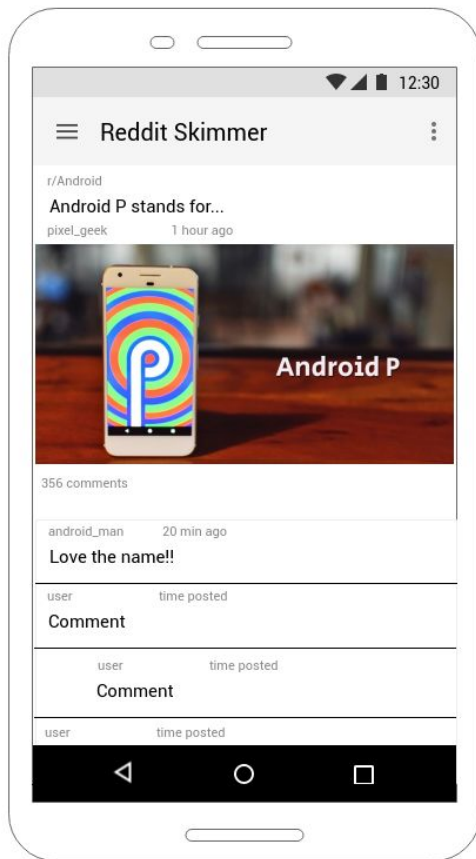
Screen 2

Subreddit menu where user can search subreddit and add and remove subscriptions. User can also log in using the button at the top

Screen 3

When user clicks "Log In" an activity is launched where they can log in

Screen 4

Detail activity that is launched when a user selected a post from the main activity displaying title, picture, text, links, and comments for the post

Key Considerations

How will your app handle data persistence?

Data will be stored in a content provider

Describe any edge or corner cases in the UX.

None

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

Picasso will be used to load images

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

AdMob can be used to have a banner ad in the main activity

Next Steps: Required Tasks

Task 1: Project Setup

Create project in Android Studio and set up Github repo
Download and configure Picasso library

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity displaying list of top posts from subscribed subreddits
- Build UI for navigation drawer with list of subreddits and log in button
  - If user is logged in, subreddit list is pulled from reddit
  - If user is anonymous, subreddit list is stored in content provider
- Build UI for log in screen
- Build UI for DetailActivity displaying the details of a post

Task 3: Implement communication with reddit.com and content provider

- Implement logging in functionality, store encrypted user credentials in content provider
- Implement retrieving subreddit list from reddit.com
- Implement storing subreddit list in content provider for anonymous user
- Implement getting top posts from subscribed subreddits

Task 4: Implement displaying data in MainActivity and DetailActivity

- Display retrieved posts in list in MainActivity
- Display post details in details activity