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RedditU

Description

Boost Reddit user browsing experience with **ReddiU**. Enjoy the best content of the most popular social news site.
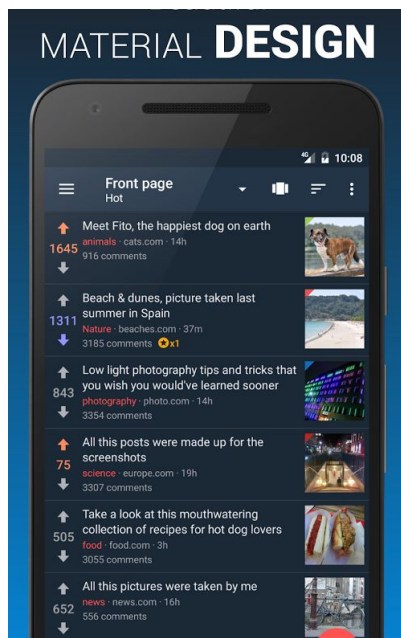
Intended User

Reddit Readers

Features

- Intuitive Material Design user interface
- In-app media previews: images, gifs, gfycat, gifv, albums and videos with download and share options
- Filter posts by content type: image, album, gif, video, text posts or links
- Filter by subreddit, domain, author or keywords in titles
- Beautiful home screen **Widget**

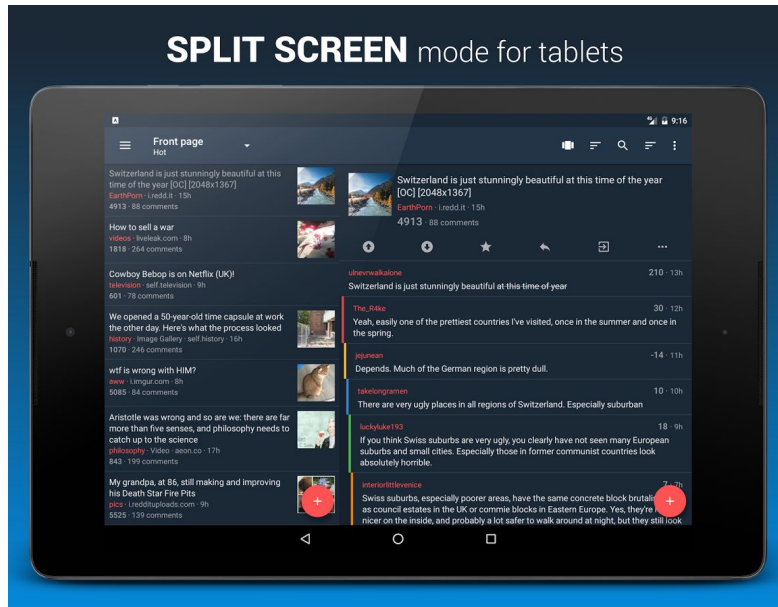# User Interface Mocks

Screen 1

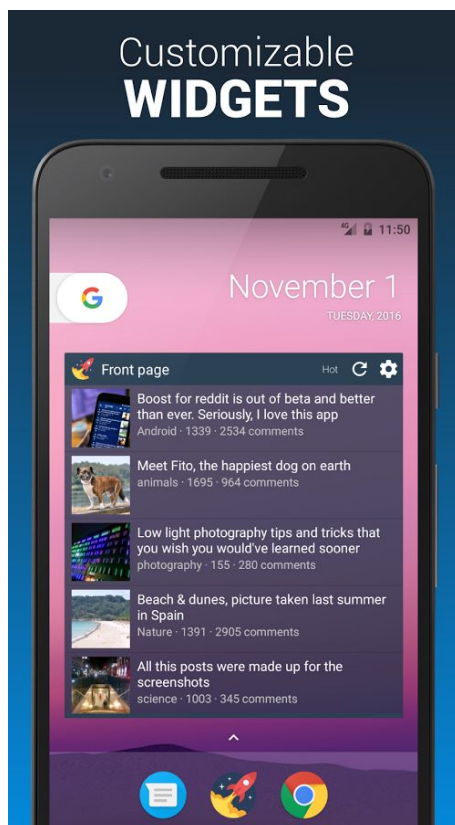Main screen for phone with Material Design and List of content with ability to sort it

Screen 2

Tablet UI with master layout for list and details

Screen 3

Home screen widget for displaying recent reddits

Key Considerations

How will your app handle data persistence?

Build SQLite database to save offline data and Content Provider to handle data between app, widgets and database.

Describe any corner cases in the UX.

If user choose a sorting criteria i should preserve this criteria to every time he opens the app until he changes it

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

- Glide: A powerful image downloading and caching library for Android.
- ButterKnife: to find and automatically cast the corresponding view in your layout.
- Retrofit: A type-safe REST client for Android which intelligently maps an API into a client interface using annotations.

And more when required while coding

Describe how you will implement Google Play Services.

Google Analytics: Track user activity throughout the app
Google Mobile Ads: Monetize app.

Next Steps: Required Tasks

Task 1: Project Setup
Create Android Project and Github repo:
- Fireup the android new project wizard
- Choose min api to be 16 and max api the most recent api
- Create main activity with fragment
- Create repo at github and upload the init commit for the project

Task 2: Implement Libraries

Implement Libraries:
- Update gradle files with required libraries
- Signup for Google Analytics & AdMob
- Prepare app configuration to use these libraries

Task 3: Implement UI for Each Activity and Fragment (Phone)

For each Activity and Fragment:
- Create layout
- Test the visuals to be similar to mockups

Task 4: Implement UI for Each Activity and Fragment (Tablet)

For each Activity and Fragment:
- Create layout
- Test the visuals to be similar to mockups

Task 5: Connecting to the API

Start connecting to the server:
- Create the API mock via Retrofit
- Unit test every API call

Task 6: Populating The Data to The UI

Connect the UI to The API calls:
- Assign ID for every changeable UI component
- Create reference using RetroFit
- Populate every relevant data to its UI component

Task 7: Unit Test and UX Testing

Testing:
- Testing for and ANR or Crashes
- Testing on multiple Devices
- Resolving the issues