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Senior Project Proposal
Fall 2016 Semester

Description:

Create an Android application that connects to [Reddit's API](#) and displays only image posts from a subreddit in a card based view similar to this -> Cards will display images, title, and author from the original reddit posts. The focus is to create a app that properly handles background loading / caching of web based content and parsing it into an app friendly layout.



Technologies:

Android Studio will be used as it's the official IDE for creating android apps. Languages are Java and XML for android. Some other libraries that may be used are JSoup, Picasso, etc...

Why:

I decided to do this for my senior project because after taking Android Programming (CS345) I've wanted to create a more complex app that serves a purpose that I find valuable. I hope to learn more about designing projects from start to finish and getting more comfortable with creating apps in general and how that process works. I also think this will help me become more comfortable with Java.

Grade Scale:

Feature	Points: Total 100 Points
Displays Images from a subreddit in a ListView	35 Points
GIFs are supported	10 Points
User can save a list of "favorite" subreddits	10 Points
List and Gallery Layouts	10 Points
Images can be saved to internal storage	5 Points
Extras	30 Points
- Theme Options	- 5
- Full Screen Image Viewer Activity	- 5
- Share Feature via Android Share Intent	- 5
- Sort via Reddit options (new, hot, rising, etc)	- 5
- Able to vote on posts (Up and Down)	- 5
- User can choose sub reddit	- 3
- Set Images as Wallpaper	- 2

Grade	Points
A	90-100
B	75-89
C	65-74