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Angle(minified YikYak+9GAG)

Description

An app for fun and knowledge. Participate in debates of the topics you like, rate them. Post funny image/gifs and make world a happy place.

Intended User

Everyone.

Features

Main Features

- Posts with text/image/gif
- Posts sorted according to their tags so users don't have to go through things they don't wish to see
- Debate on posts by taking sides
- Polling can leverage many things. People can bet on ongoing events.

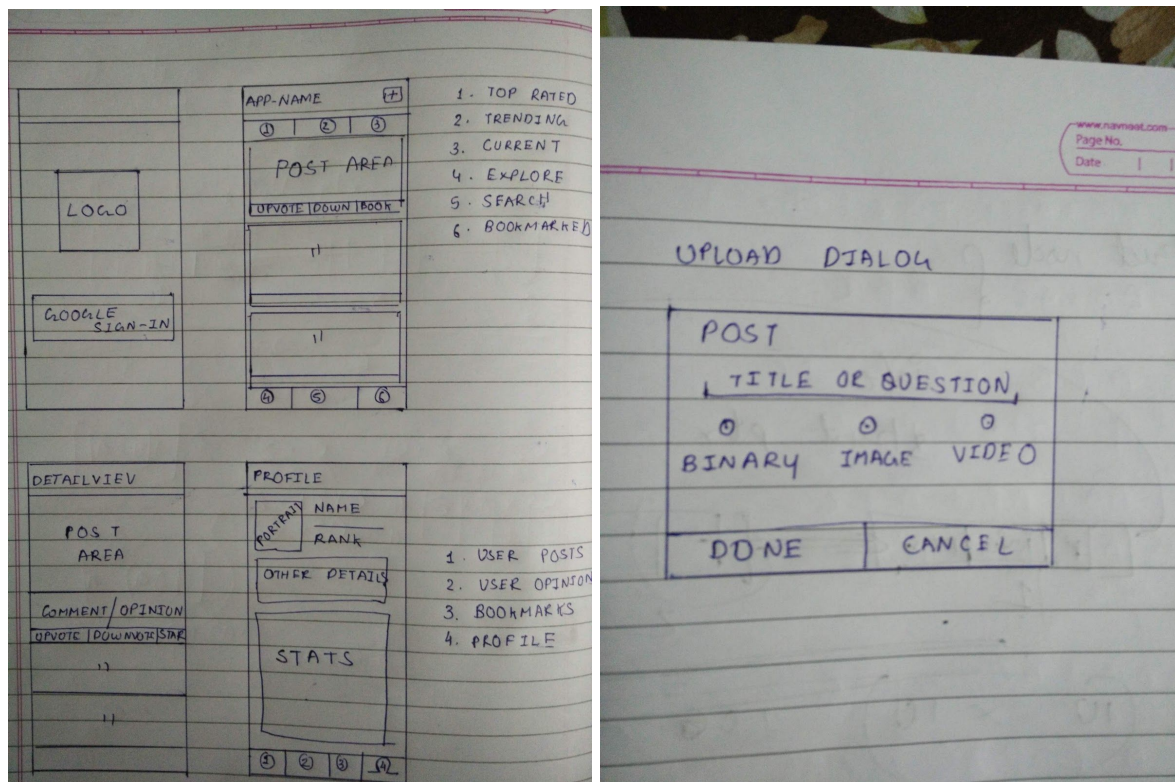
Capstone_Stage1

- Share with your localites(college friends etc).
- Geofencing the posts
- No caps on amount of posts per user(as users on 9GAG can only post 3 images/gifs per 24 hour)
- Post becomes private if it receives multiple reports

User Interface Mocks

Mockups are hand drawn.

Screens



Key Considerations

How will your app handle data persistence?

SQLite + SharedPreferences + aws mobile hub (for backend)

Describe any corner cases in the UX.

Amount of data to be cached for offline usage is a conundrum.

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

Picasso for handling image caching and displaying, retrofit for handling http request, dbflow for orm and aws sdk for the backend. Number of libraries may increase according to the need

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

Creating the project in the android studio. Then selecting the minimum and target version of sdk for the app. Then finishing it with selecting the blank activity with the appropriate name. Then as the project builds up, add the required libraries and sync it.

Task 2: Implement UI for Each Activity and Fragment

Implementing the login activity, As the user successfully logs into the app, user will be redirected to the activity with the list of posts. There will be a detail activity that will open up as the user clicks on the post, where the user can read through opinions of different users and can add his/her also.

Task 3: Adding functionalities

Posting question with text/gif/images/tags using dialog. Upvote downvote functionality. Making the user experience better for playing gifs and displaying images. Caching data for minimizing network calls. Searching for topics rather than choosing from some pre-populated Menu.

Task 4: Adding material design

Adding material design to all the activities with animations

Task 5: Adding support for location and tags and improvising UX