

Group Members:

- Paaras Bhandari
- Ayush Chakraborty
- Matthew Peregoy

Group Evaluations:

They are a great group, and have honestly each pulled their own weight. Communication and response time has also been good. No one person is outperforming or underperforming. I'm thankful to be in this group.

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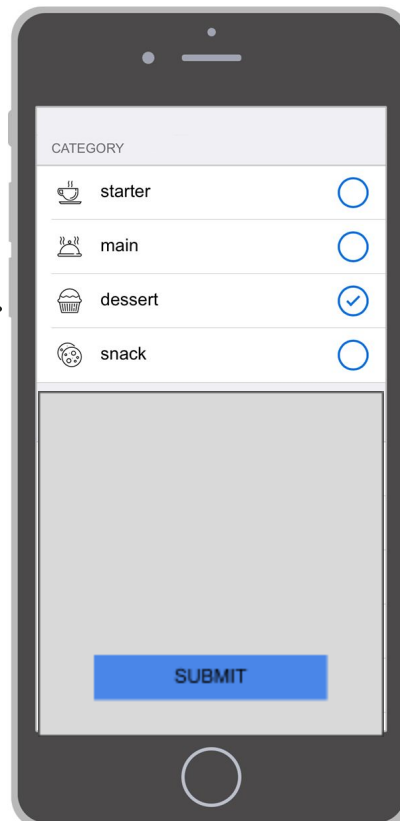
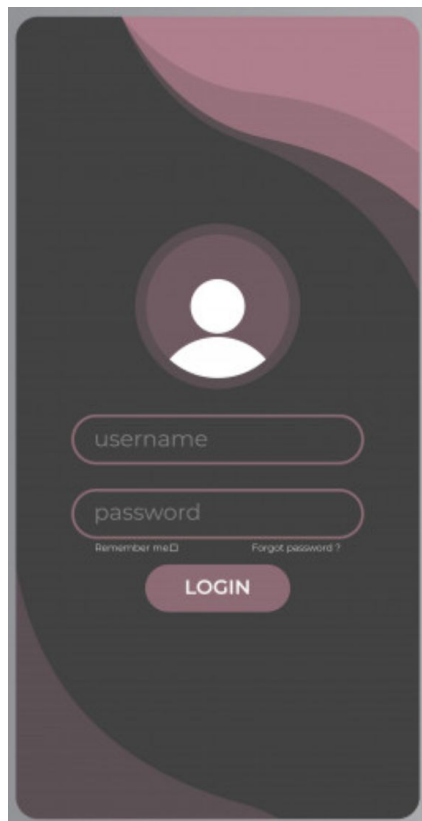
Project Description:

Our project aims to leverage blockchain technology to make a secure voting system. The app will start off with a login screen. Once logged in, the user will be taken to a screen with a list of categories such as Best Movie, Best TV Show, Best Artist, and so on. This screen will also have a submit button at the bottom, which will initially be disabled and will not enable until at least one category has a vote. On selecting a category, the user will be taken to a screen where the user can cast their vote among the listed options(for their favorite movie, TV show, or presidential candidate). There will also be a single 'write in' section at the very bottom in the event a user wishes to write in a vote. On clicking the Submit button, the user's votes will be displayed for review and confirmation. Once confirmed, the votes will be recorded and stored in a database that uses blockchain to achieve security. We plan to use Firebase's realtime database for this. Moreover, we plan on implementing the project using the activity class, fragment class, notifications and toast and lifecycle components.

Status Report:

We have discussed the idea and high-level implementation details, and also figured out the tools we would be using such as Firebase for user management and voting storage. We are currently reading more about blockchain technology and how it can be used to store something like votes in a secure database.

Rough Mockup of the app:

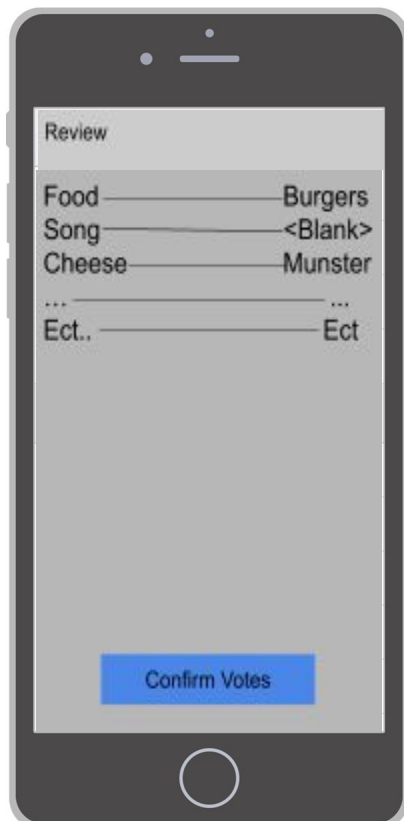


"Categories"
Where the User will
select what they
Are voting for
Example:

- Best Desert
- Best Drink
- Best Film
- ect..

Selecting 'Category'
will take User to
to options...

A checkbox
will be placed
next to each category
upon completion



"Confirmation Page"

This is where the
user will review and
confirm their votes

After confirmation,
the votes will be saved
to the database