

CMSC 436: Fall 2020 Change My View Group 57

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Project Description and Status Report

Inside the application participants respond to a selection of core questions (e.g. perhaps ten questions) about modern topics (for example, should USA have a single payer healthcare system). Participants are linked, anonymously and inside the application, to email partners who want to debate the question and have an opposing viewpoint. Some things to consider, include handling abusive behavior?, etc

I. Application concept:

Create a public discourse with a set number of people. Have a chat room with a number of people on each side. Members of each side can be determined from the questions. There will be spectators in the chat who can see the messages but can't interact.

There will be a selection screen where a user can choose to either observe or take part in a debate. Selecting to take part will begin the questions then automatically place the user in a chat room on one of the sides. Selecting to observe will bring up a list of topics that are currently under debate. The user can select one and view (but not interact with) the debate.

II. Key functionality:

- Login
- Choose debate or observe
- Debator topic choice
- Debator takes survey to determine side
- Observer chooses chat room
- Observers vote for who wins (Maybe)
- Timed debate - vote for continuance
- Discussion/Debate room for debators locked for observers

III. List of android system components we expect to implement:

- Notifications
- Permissions for photos/attachments
- Firebase
- Broadcasts

IV. Items for each member to complete;

- Mohammed
 - A. Chat room
- Miachel
 - A. Database
- Jacob
 - A. Surveys

Storyboard

Images are as follows:

- 1 Login screen
- 2 Home screen
- 3 Debator chat screen
- 4 Observer debate screen
- 5 Debator/Observer topic selection
- 6 Debator topic survey for placement
- 7 User profile

