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School of Thought

Project Backlog

PROBLEM STATEMENT

There are many places online where people can debate over a varying array of topics, but rarely are they heavily moderated to maintain a mature and educational debate environment. This project aims to fulfill that need.

BACKGROUND INFORMATION

We are trying to resolve the problem of uneducated and inappropriate debates being held over the internet. This is an issue—especially in anonymous environments—that is pervasive throughout the internet. There are many places where users can chat endlessly and about any topic, but rarely are they intensely moderated for fairness in debate-type circumstances. This is especially prevalent in the year 2016, as it is an election year. We would like to provide a place where users can display their opinion, get opinions from others, and see how many users agree with each viewpoint, all without fear of the conversation turning into uneducated rants.

ENVIRONMENT

Java will be used to build the main functionality of the application. The java code will call on a PHP script that will exist server-side. This would allow us to insert and query data from the MySQL database. The front-end of the application will primarily be built on the Java AWT and Swing libraries.

We'd like to note. This backlog is updated for our current state of the project. Also, we had a member drop out at the last minute, meaning some things just had to be dropped.

CS 408
Team 7

FUNCTIONAL REQUIREMENTS

ID	Requirement	Status
1	As a user, I would like to be able to log in to the application	Done
2	As a user, I would like to be able to view the discussion thread	Done
3	As a user, I would like to create an account	Done
6	As a user, I would like to contribute to discussions	Done
7	As a user, I would like to create polls as a type of discussion post	Removed
8	As a user, I would like to be able to vote in polls	Removed
9	As a user, I would like to flag a comment for review by moderators	Done
10	As a user, I would like the user interface to scale with the window size	Done
11	As a user, I would like to see comments on threads updated on the page without refreshing manually	Done
12	As a moderator, I would like to have all of the privileges and abilities of a user	Done
13	As a moderator, I would like to be able to hide comments	Done
14	As a moderator, I would like to be able to track reported comments	Removed
15	As a moderator, I would like to create debate topics	Done
16	As a moderator, I would like to be able to ban malicious users and keep track of them	Done
17	As a moderator, I would like to know the reporter of comments	Removed
18	As an admin, I would like to have all the privileges and abilities of a moderator	Done
19	As an admin, I would like to be able to add moderators	Done
20	As an Admin, I would like to be able to remove moderators	Done
21	As an admin, I would like to be able to edit moderator decisions	Done
22	As an admin, I would like to edit the rules page	Removed

NONFUNCTIONAL REQUIREMENTS

ID	Requirement	Status
23	As a user, I would like to have an application that does not take up too many system resources	**Done**
24	As a user, I would like to have an application that is responsive	**Done**
25	As a user, I would like the application to be easy to use	**Done**
26	As a user, I would like to not have redundant user interfaces	**Done**
27	As a user, I would like quick recovery from application downtime	**Done**
28	As a user, I would like the application to take up as little storage space as possible	**Done**
29	As a user, I would like to have a clean and useable interface for the application	**Done**
4	As a user, I would like to sync my account across different platforms	**Done**
5	As a user, I would like robust encryption to keep my data secure	**Done**

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USE CASES

Case: Log in

Action	System Response
1. From login screen click on the username field	
2. Fill out username	
3. Fill out Password	
4. Click "Log in" button	5. Show a confirmation/failure dialogue
	6. Display "Rules" on main page with an additional "Debate" tab

Case: Signup new user

Action	System Response
1. Click on the "Create Account" tab	2. Display Signup Form prompting desired credentials
3. Fill out the username	4. System checks if username already exists
5. Fill out password	6. System verifies that password meets criteria
7. User clicks a "Submit" button	8. System creates initial profile and logs in user and displays discussion screen with user credentials

Case: Post a comment

Action	System Response
1. User enters text into text field at the bottom of the main debate screen	
2. User clicks the 'Submit' button	3. Comment is archived into the thread's discussion in the database. The comment is displayed in the thread's discussion log to all users. The comment text field is cleared of text.

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Case: Flag a comment

Action	System Response
1. Click on "Debate" tab in main page	2. Opens Debate tab
3. Click on 'report Post' button underneath a comment	4. The system stores the comment as flagged in database
	5. Shows dialogue box to user that comment has been reported.

Case: Hide a comment as a moderator or admin

Action	System Response
1. Click on "Debate" tab in main page	2. Opens Debate tab
3. Click on "Hide" button beside comment	4. Confirmation dialogue appears
5. Click "yes" button	6. Comment disappears
	7. Show dialogue box to user confirming that comment has been hidden.

Case: Create Debate Topic

Action	System Response
1. Log in as a moderator/admin	
2. Click on "Create Debate"	3. Opens Create Debate tab
4. Fill out Topic Title and the date	
5. Click "Submit"	6. Enters title entry into database and displays confirmation dialogue to moderator/admin

Case: Ban Malicious Users

Action	System Response
1. Open the moderators tab as a moderator	
2. Click the ban user button	3. System opens new page with text field
4. Type in username to ban, then click ban	5. System returns success status of action to moderator or admin

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Case: Add moderator

Action	System Response
1. Click on change user privilege button	2. System opens page with text field
3. Type in username of user to upgrade to moderator and click the "upgrade to moderator" button	4. System returns success status of action to moderator or admin

Case: Remove moderator

Action	System Response
1. Navigate to the change user privilege page. Type in username of user to remove moderator privileges from	2. System opens page with text field
4. Type in username of user to upgrade to moderator and click "Revoke Moderator Privileges"	4. System returns success status of action to moderator or admin

Case: Undo moderator comment removal

Action	System Response
1. Navigate to the list of flagged comments and click on "undo" button beside hidden comment	2. Confirmation dialogue appears
3. Click "yes" button	4. Post is shown
	5. Show dialogue box to user confirming that post has been restored

Case: Viewing a discussion thread

Action	System Response
1. User logs in to application	2. User clicks on the "Debate" tab