Group 7 Project Proposal

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Debate Application (Name?)

Objective

To create a website that encourages constructive debate by having users post arguments in pieces that can be individually commented on and discussed. When someone starts a discussion, they state their thoughts in separate bubbles within that post. Each bubble can be individually commented on and discussed. This will allow people to fully explore each aspect of each other’s arguments without losing the idea of the debate and facilitates learning through discussion. Users will sign up for the application by creating their own profile and then log in to interact with other members and various debates.

Technologies

The debate application will utilize the mean stack for both the development and deployment. Our application will utilize a MongoDB database to store user data and use HTML5, CSS and Javascript (Jquery) to handle the styling and user interface. Bootstrap will be used to improve upon these technologies as well as to make the application both mobile and more responsive. To communicate and share files within the group, we will use a mix of Github, Google Docs and Facebook Messenger.

Plan

This project will involve several different steps to complete. First and foremost, the team will need to come up with a design for the project and establish exactly what we want our application to look like and finalize what kind of functionality we want to implement. The first couple of weeks of the project will be devoted to the design of the application and establishing feasible goals for functionality. After the design is completed we will have to divide out the tasks such as front-end development, back-end development, testing and debugging between the members of the team. We will have to make sure that each member of the team is clear on what needs to be done and that they are capable of accomplishing the task. We want to make sure we are done (or nearly done) with the development of the project about 2 weeks before the final presentations of the project to make sure we have ample time to debug and test our application. The timelines for the project are still just estimates because we might run into issues during development and have to spend time to resolve them which might push our other deadlines to a later time.

Requirements/Features

Functional

* A feedback system to allow the ability to comment on other user’s debates
* An ongoing timeline of current debates and comments users have recently left on the application
* A customizable profile for each user including their username, description, previous debates, profile photo
* Rating system giving users the ability to “like” or “upvote” comments/debate topics
* Search functionality

Non-functional

* The user interface must be visually appealing, simplistic and fully functional across all major browsers
* A moderation system to filter inappropriate or explicit comments