2VOTE VOTING WEB SOLUTION

2VOTE

Online Voting System

How to install

To install simply copy the source of the project and then execute from the terminal 'npm install' while in the directory of the project. All the dependencies should be included in the "package.json" file. To start the server, simply execute "npm start" and should be up and running.

Login

Before being able to use the application, it is needed to login into the server. Since we have no accounts registered, we will click on the 'Register' button, and the register page will be prompted. After creating an account, we will be redirected to the login page again. After logging in, we have full access to the web.

Features

- Client-server app: The routers manage several URLs to handle HTTP requests.
- AJAX: The 'Home' button in the menu or the top banner will redirect to the home page. In this page we are continuously receiving feedback on how are the standings in all the voting going.
- Authentication & Session: Login at the beginning. Click the 'Logout' button in the menu to end the session. Cookie warning acknowledge with a pop up.
- SQLite & bcrypt: The users are stored in the database, and their passwords are hashed with bcrypt. On login attempt the password is hashed and compared to the stored hash.
- The 'Voting' button in the menu will give us access to the current voting. We can vote as many times as we want. The voting menu will guide us through the voting and give feedback about the results of our voting.

Future

- Store the votes in the database. Retrieve the whole result of the voting. Currently having some issues because of how jQuery transforms arrays when receiving them in a JSON format.
- Design a new banner.
- Improve dialogue pop up appearance on the result of the voting.
- Assign a handler to the Cancel button.
- Improve the presentation of the voting results.
- Add more voting categories!