

Members:

Timeline and milestones:

Weeks 1-2:

- Introductions and Icebreaker
- Decide on a name
- Setting up Github
- Division of Labor
- **Major Goal:** Set up a landing page (home, about, contacts, etc)
 - Will involve basic React knowledge and some HTML/CSS

Weeks 3-4:

- Create node server
- Create database and connect to React app
 - MongoDB
- Create basic routes, models, controllers
 - Involves learning mongoose
- Page to view all current protests in database
 - Basic axios/fetch library
 - Learning HTTP methods using Postman
- **Major Goal:** Protest submission form (allows new entry into database)

Weeks 5-6:

- Search engine functionality to view specific protests
 - More involved axios services and routes
- **Major Goal:** sort protests by time, location, topics, etc

Weeks 7-8:

- Login functionality with user data
 - How can we do this with privacy in mind?
- Look into using a map api to allow easier searching of local protests
- **Major Goal:** Add the map view to the app, deploy beta version using GitHub Pages

Weeks 9-10:

- Database encryption technologies
 - Secure way to hash user data? Consider vulnerabilities between client and server side
- Finish up map integration
- Clean up frontend
 - Material UI?
- **Major Goal:** Final deployment and presentation

Public Square

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