Project Documentation

Technology choices:

I chose to create the project as a mern stack since I am somewhat familiar with how it is implemented.

The front end is implemented using react as the framework.

The front end uses bootstrap as it is familiar to me and react syntax highlighter as a way to render the code snippets.

The backend is implemented using express and Node.js, with mongodb being the chosen database.

The authorization is implemented using passport and jwt, with the token being saved to session storage in the client browser.

Installation:

Use the following commands to set up and run the project be sure to be in the root folder of the project when using the commands.

It is assumed that you have MongoDB running in the background.

1. npm run preinstall
2. npm run install
3. npm run build
4. SECRET=(any random string of your choosing) NODE_ENV=production npm run start

User manual:

Now that the project is running, use your browser to navigate to http://localhost:3000/ and then you can test out the project.

Features:

Feature	Points proposal
Basic features	20-25

Utilization of a frontside framework (React)	5
Use of highlight library (React Syntax Highlighter)	2
Admin account (only deletion of posts and comments implemented)	1-2
Voting	3