Programming Languages

The project background model specially designed on the basis of certain programming language like ReactJS, MongoDB, Laravel, Tailwind CSS, etc. In following section, I am going to give a brief description about these languages used in this project.

ReactJS
- It is a JavaScript library which was used to add some dynamic elements on the front end as well as any client-side validation that needs to be done.
- It was used where needed for design and accessibility features.

Ajax
- Ajax was used to update portions of the website dynamically.
- It was also used to add pagination to a user's news feed to improve load times and responsiveness.

MongoDB
- MongoDB is a source-available cross-platform document-oriented database program.
- It is classified as a NoSQL database program.
- MongoDB uses JSON-like documents with optional schemas.

Laravel
- Laravel is a PHP framework that was used to streamline some of the more common website tasks such as sessions and cookies.
- It also has a lot of helper functions to manage database calls for saving, updating or displaying data.

Tailwind CSS
- Tailwind CSS is an open source CSS framework.
- The main feature of this library is that, unlike other CSS frameworks like Bootstrap, it does not provide a series of predefined classes for elements such as buttons or tables.

Apache Server
- A local Apache web server was used to run the PHP code during the development of the website.

GitHub
- GitHub was used to maintain and manage the project's codebase.