

Day 6 - Deployment Preparation and Staging Environment Setup

Staging Environment Deployed Link:

For deployment, we chose **Vercel** as the hosting platform. After creating an account, we linked our GitHub repository by authorizing access and selecting the relevant project.

Deployment settings were configured to use the main branch, and the necessary build commands (e.g., `npm run build`) were set up. Afterward, the application was successfully deployed, and the live staging environment link was generated and tested. The link to the staging environment has been included in the submission form.

GitHub Repository:

We organized our repository into distinct folders to maintain a clean structure:

- **src/**: This folder holds all source code files.
- **public/**: This folder is used for public assets, such as images and fonts.
- **documents/**: This includes all reports, test cases, and performance testing results.

Additionally, we created a **README.md** file to give a brief overview of the project. It contains:

- **Project Overview**: An introduction to the purpose and goals of the project.
- **Deployment Steps**: A clear explanation of the deployment process.
- **Test Case Results**: A summary of the test cases and their performance outcomes.
- **Folder Structure**: A description of how the files are organized in the repository.

We made sure to add all the required documents, including the test case report (in CSV format) and performance results, to the repository. Once everything was in place, we committed and pushed the changes to GitHub.

Outputs Delivered

- **Deployed Staging Environment**: We successfully generated the live link for the staging environment, demonstrating the application's functionality in a production-like setting.
- **GitHub Repository**: The repository now includes:
 - `src/` folder for source code.
 - `public/` folder for public assets.
 - `documents/` folder containing all reports and documentation.
 - A detailed **README.md** file, summarizing the project's goals, deployment steps, and test results.

