**Green Campus**

**Project Overview:**

thiswebsite serves as a digital platform to promote NBSC’s green campus initiatives, encourage sustainable gardening practices, and highlight the environmental and community benefits of a well -maintained campus garden.

**User Roles and Permissions**

* Browse general information about NBSC and its garden.
* View public posts, maps, and resources
* Navigate to other garden pages via the dropdown

There is no specific user roles and permissions.

**Application Structure**

* **HTML/CSS/JavaScript:** Base languages for structures, design, and interactivity
* **Bootstrap:** For responsive design
* **Leaflet.js:** For interactive map

**Core Features**

* **Homepage:** Welcomes users with a mission banner and navigation bar.
* **Garden Profiles:** Dedicated pages with descriptions, photos, and gardening tips.
* **Interactive Campus Map:** Highlights garden locations with details via Leaflet.js
* **Responsive Design**: Optimized for desktop, tablet, and mobile.

**Application Flow**

 **Landing on the Homepage:**

* Visitors see the welcome banner and an overview of the website’s purpose.
* They can navigate using the navbar to explore gardens, sustainability tips, or the campus map.

 **Exploring Gardens:**

* Click on "Explore Gardens" in the dropdown menu.
* Redirected to individual garden pages with images, descriptions, and tips.

 **Viewing the Map:**

* Access an interactive campus map with garden locations.
* Click on markers for popups with garden details.

**Technical Details**

**Technologies:**

**HTML5/CSS3:** Structure and styling for responsive pages.

**Bootstrap 5:** Responsive and mobile-first design framework.

**JavaScript:** Interactivity and client-side logic.

**Leaflet.js:** Map integration for displaying campus and garden locations.