GateGuard

"Precision in access, Excellence in security"

{28-03-2024}   # Project Plan   {Version-1.0}

Project Objective

Develop a visitor management webpage that has a professional and modern look and accessible elements in terms of User interface. The webpage should utilize **"Bootstrap"** classes for responsive elements and **"CSS"** for unique and Professional Interface Design.

Team and Details

1) K. Aditya Sai **{Project Manager and Tester}**

2) C. Rithika Krishna **{Structure and Interface Developer}**

3) R. Nandini **{Design and UI Developer}**

Project Scope

1) Design and develop a user-friendly interface for visitors to check-in into an organization, {ex: KMIT}.

2) Utilize Bootstrap framework for responsive design to ensure compatibility across various devices.

3) Utilize CSS for implementation of webpage design to ensure professionalism and modernity.

Project Checkpoints

1) User Interface Structure

Create a user interface structure using basic HTML which can accommodate bootstrap classes for responsive elements and style sheets for design which will be included in further phases. The structure should be able to create a basic functional webpage which is able to adapt to any device's resolution. Develop semantic HTML markup for different sections of the webpage, such as header, navigation, content areas, forms, and footer.

2) Responsive design elements to add functional feature

Utilization of bootstrap classes and components to implement responsive layout grids, navigation bars, buttons, forms, and other UI elements. Implement Bootstrap utilities and components for responsive design, such as breakpoints, grid system, and responsive classes. Provide expertise in utilizing Bootstrap features effectively to streamline development and improve ser interaction.

3) Modern and Professional Styling

Focus on the visual presentation and styling of the visitor management webpage which utilizes CSS stylesheets to enhance the aesthetics and user experience of the webpage. Able to initiate custom styling to achieve a modern, professional, and visually appealing design is mandatory. The person Responsible of styling should work with the structure developer to maintain decent sync when clubbing the entire progress.

4) Webpage Testing and Documentation

The final Phase of Development process, deals with testing the attractiveness and responsiveness of the webpage. The tester goes through the entire code of HTML and CSS and understands of their functionality within the entire webpage. The tester later documents their views and publishes the report to the project leader also mentioning any changes if needed.

Roles and Responsibilities

1) __HTML and Bootstrap Developer__ {C. Rithika Krishna}

This Role deals with the development of basic structure of HTML which adapts to any device. Bootstrap classes and components are to be accommodated by the developer into this structure and generate a responsive Visitor Portal with all necessary input requirements & buttons. The Developer has to coordinate with UI Developer to maintain a proper sync with their progress and cause less trouble to the tester and produce and attractive, responsive page.

2) __UI Developer__ {R. Nandini}

This role deals with the concept of styling of the webpage and making the user interface look modern. The stylist has to make the interface look professional as it represents an organization and add style elements which enhance the user interaction. Proper placement of logos and colours is necessary to highlight the major part of page and also make the user involved with the process.
UI developer has to work closely with **Structure Developer** to initiate a proper synergy between structure, elements and styling of the webpage.

3) __Tester and Documenter__ {K. Aditya Sai}

This role deals with clubbing the structure and design developed by individual developers while keeping the constraints {if any} in mind. Tester has to view every detail of the page and code and let the developers know about the changes if needed. The tester has to be in sync with structure, design and output of the page and document their views as a report and submit it to the developers for a "go ahead" response and upload the report to repository.

Resource Allocation and Additional Information

- Interface and Styling – 4 Days {Buffer Days included}

- Testing and Documentation – 2 Days

- The Project has to be uploaded into the repository on or before 3rd of April.

- Regular Scrum Meetings will be held by the manager to get to know the progress and address any issues.

- The Developers are to understand and implement their knowledge on this version of project, as updates are to be carried out in future.