



THIAGARAJAR COLLEGE OF ENGINEERING
MADURAI – 625015

INTERNSHIP PROJECT DIARY

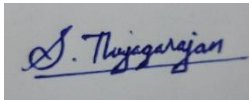
Name of the Student : THIYAGARAJAN S

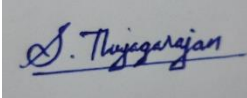
Register Number : 21C110

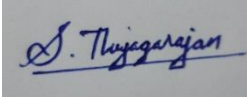
Degree and Branch : B. E - Computer Science and Engineering

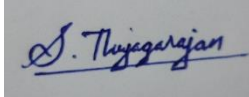
Semester : V - Semester

Academic Year : 2023-2024

S. No	Date	Description of Activity and Work	Signature of the Student	Remarks of the Tutor
1	Week 1 11-12-2023 to 16-12-2023	<p>Planning, Study of Product and Team Formation</p> <p>Interview and Test: Technical Interview and Coding Tests were conducted to assess our technical knowledge and based on that we were assigned the project</p> <p>Orientation: Gained insights and understood the company's goals and studied the product (Safeguard 360-all complete home security solution) for which we are developing a product landing page.</p> <p>Requirements Gathering: Team meeting was conducted and we discussed with our mentor and clarified our doubts. We gathered all the requirements for the landing page and design preferences and animation styles to use were decided.</p> <p>Role Assignment: Team of three was formed and we were assigned tasks based on our preferences. Daily review happened where our works were analyzed and corrections were told.</p>		

2	Week 2 18-12-2023 to 23-12-2023	Module Development – UI Design and Basic Layout using HTML Initial Phase: We were provided with sample websites that suits the brand's identity and were asked to analyze those and UI of those websites were taken as inspiration. UI Design: We started working on designing of the UI of the page using Figma before development. It helps to visualize the landing page which makes development phase easier for us. Basic Layout: We started to convert the Figma Design file into website and started of with HTML. We divided the task and each team member worked on each section. Styling Phase 1: We started to add styling to the website using Bootstrap and CSS. Started of with basic styling like adding colors and choosing right icons. We made sure that the design is sticking to the brand's identity and also visually appealing		
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3	Week 3 26-12-2023 to 30-12-2023	Responsive Design and Animation Styling Phase 2: As we are developing a Landing page, it involved a lot of styling than features. Each and every styling element has to be carefully curated and made sure that it will attract the visitors of the page. We started to add more attractive and visually appealing backgrounds to the page. We have completed the styling Responsive Design: We started to work on the responsive design using bootstrap. Also, we have used grid, flexbox, media queries to achieve responsive design. Various customers may visit the landing page via various devices so it is critical for us to make sure that website is user friendly for all of them. Animation: For animations, we went with Animate on Scroll (AOS) CSS, it helps us to achieve adding animations in a short period of time. For slider animations, we have used Owl Carousel. Hosting using GitHub Pages: We have used GitHub throughout our development and it helps us to achieve team collaboration and parallel development of website. Daily works have been reviewed, tested and pushed into the repository. It helps us to keep track of the development process.		
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4	Week 4 02-01-2024 to 06-01-2024	EmailJS Integration and Project Completion Contact Form and Newsletter Subscription: Contact form and Newsletter Subscription features were needed to be developed. As we were short of time, we have decided not to go with database integration. We searched for alternative ways and decided to go on with API for email integration. EmailJS Integration: EmailJS helps to send emails using client-side technologies only. As we have not required any server-side rendering of data, we went with Email JS. We are given the customer care credentials of the company and integrated their Microsoft Outlook with Email JS. It helps them to receive mails directly in their Inbox without any database. Testing: Verify that all navigation links and buttons lead to the correct pages and sections. Test the Email JS integration for seamless handling of newsletter subscription requests. Ensure interactive elements, such as the product showcase, work as intended across devices. Project Handover and Hosting: We have done all the testing and after the final review with our mentor, we handed over the GitHub repository and the other resources to him. The website got hosted on https://safeguard360.io/		
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