A Summer Internship Report On "E-Commerce Webapp using Front-End"

(IT346 – Summer Internship - I)

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Under the Supervision of Prof. NISHAT SHAIKH

Submitted to

Charotar University of Science & Technology (CHARUSAT) for the Partial Fulfillment of the Requirements for the Degree of Bachelor of Technology (B.Tech.) for Semester 5

Submitted at





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Chandubhai S. Patel Institute of Technology (CSPIT)
Faculty of Technology & Engineering (FTE), CHARUSAT
At: Changa, Dist: Anand, Pin: 388421.
July 2022





This is to certify that the report entitled "Project Title / research work / technology" is a bonafied work carried out by HETVI SHARMA under the guidance and supervision of Dr./Prof. Name of Internal Guide & Daxesh Paneliya for the subject Summer Internship – I (IT346) of 5th Semester of Bachelor of Technology in Department of Information at Chandubhai S. Patel Institute of Technology (CSPIT), Faculty of Technology & Engineering (FTE) – CHARUSAT, Gujarat.

To the best of my knowledge and belief, this work embodies the work of candidate herself, has duly been completed, and fulfills the requirement of the ordinance relating to the B.Tech. Degree of the University and is up to the standard in respect of content, presentation and language for being referred by the examiner(s).

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Date: 1st July 2022

TO WHOMSOEVER IT MAY CONCERN

Dear Hetvi

This is to certify that **Hetvi Sharma** has done his internship in Web Development at Cygnux Softtech Pvt. Ltd., Surat, from 20th May 2022 to 9th June 2022.

During his internship he has demonstrated his skills with self-motivation to learn new skills. His performance exceeded our expectations and he was able to complete the project on time.

We wish him all the best for his upcoming career.

FOR, CYGHUX SOFTTECH PVT. LTD.

D. G. Poneliya

Yours sincerely,

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Every work that one completes successfully stands on constant encouragement, goodwill and support of the people around. We hereby avail this opportunity to express our gratitude to the number of the people who extended their valuable time, full support and cooperation in developing this project.

I would like to thank HR OF CYGNUX for providing this wonderful opportunity as an intern Cygnux softtech pvt.ltd. It was a wonderful experience in taking training and working in Web Development with alot of ease. Also, I would like to thank Prof. PARTH SHAH and Prof. NISHAT SHAIKH to allow me to work as an intern with **CYGNUX SOFTTECH PVT.LTD.**

Thanks to my classmates who helped me directly or indirectly to accomplish my work. Finally, I thank all my teachers, who were the people, who prepared us for this endeavour. I owe you all my success.

Yours Sincerely, **HETVI SHARMA**

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20IT142 ABSTRACT

ABSTRACT

This is an internship report mainly includes the general information regarding the company "CYGNUX SOFTTECH Pvt. Ltd.", a detailed description of the experience I had in the company, the skills I acquired from the experienced cooperate, people, mytraining, my task and the live project I completed in offline mode in an internship.

This summer internship provided me with a team experience and helped me in developing my skills in Web development using HTML5, CSS3, and JavaScript. I have worked with development of front end and designing of a Company's Website and Dashboard.

Overall, the Internship program helped me in different ways to grow my knowledge in the field of IT and also gave me an insight on how to work in a team with proper coordination and in a timely manner.

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20IT142 INTRODUCTION

CHAPTER 1: INTRODUCTION

1.1 PURPOSE OF INTERNSHIP

The purpose of this internship was to upskill my web development using HTML, CS,S and JavaScript in the pandemic situation and not just waste my time sitting idleatn home and getting hands-on experienceof how to work in a team to develop a web application with all the side cases tested and try to give outa code without much errors in it.

1.2 OVERVIEW OF INTERNSHIP

In the Initial stage I was given a small task to prepare a small "Book Trial" form using HTML5, CSS3, Bootstrap, and later on it was told that the form should sent a mail to the registered user. Later on, we were explained about the whole web application that we needed to develop during our internship that included a teacher dashboard, student dashboard and a customer side website. Tasks were divided among the frontend team and we had to design it according to the UI/UX design which was provided by the design team. The internship helped me in learning different aspects of team work.

1.3 OBJECTIVE

The main objective is to design and develop website and user friendly dashboard at **CYGNUX SOFTTECH Pvt. Ltd.**

1.4 ROLES & RESPONSIBILITES

- Role: Front-End Developer
- Responsibilities: The responsibilities are to develop and design a responsive website and to create a user friendly module for the students and teachers.

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20IT142 INTRODUCTION

1.5 INTERNSHIP PLAN (WEEK WISE)

Table 1.5.1 Internship Activities

	Date	Name of Topic/Module
Week 1	20/05/2022 – 23/05/2022	Introduction of Company, Internship plan discussion, Code walkthrough, understanding the functionalities and working, Starting with basic tasks and then after gone with live project is "Patel-papad".
Week 2	24/05/2022 – 28/05/2022	In live Project i.e "Patel-papad", I have done some basic changes according to the client .After finishing all tasks in "Patel-papad", we have move to another client. done all Finalizing the design, design of Angrez-Hair saloon form, discussing design flow of login pages
Week 3	30/05/2022 - 02/06/2022	Designing the pages for clients and user individually, understanding the layout of the design, changing according to page layouts of different devices, learn to create responsive pages
Week 4	03/06/2022 - 06/06/2022	Handbook section design, adding button and hover functionalities, brainstorming on designs of next sections
Week 5	13/06/2022 — 16/06/2022	Creation of courses section, understanding the flow of subsections, inner section logic

CHAPTER 2: APPLICATIONS OF PROJECT

2.1 FOR USER

- The users will be able to view all the information about the company from the website and also will be able to book their slot using the website page that submit all the details filled up by the user into the admin dashboard, and also the customer will get a direct email and message on their registered details.
- The login page and sign up page helps the User as well as admin to login into their respective dashboards

2.2 BY ADMIN

Admin Dashboard will have:-

- In admin section, the we have make user-friendly interface, so admin easily access and analyze the data.
- Admin can see how many sales are done in this month and how many revenue is generated in current month.

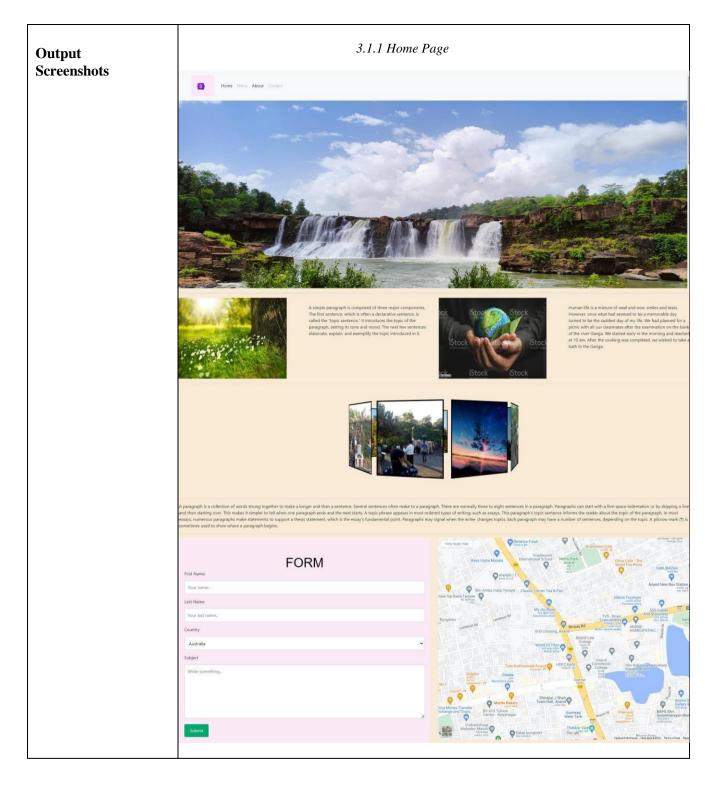
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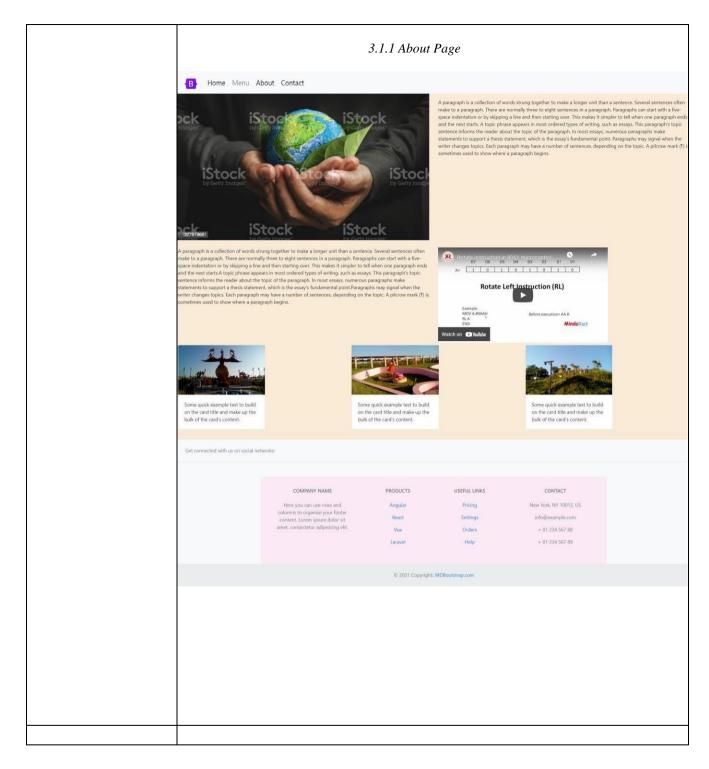
CHAPTER 3: SOFTWARE DESIGN

3.1 USER-FRIENDLY WEB PAGES

Table 3.1.1 Task 1

Task 1		
Task Description Created web pages using Bootstrap		
	We have created user-friendly web pages.	





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3.2 COMPANY'S LIVE PROJECT

Table 3.2.1 Task 2

Task 2			
Task Description	Patel-Papad live project Here we have to do certain changes according to the client like changes of photos and Align the texts and some CSS changes according to the layout.		
Output Screenshots	Home Products See our products		
	Take a look at our products that we can offer you.		
	Garlic 250 G Tellus finibus, eleffend mi vel, maximus justo. Maecenas mi tortor, pellentesque a aliquam ut, fringilla eleffend lectus. Maecenas ultrices tellus sit amet sem placerat tempor. Maecenas eget arcu venenatis, sagittis felis sit amet, dictum nisl. INGREDIENTS At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Duis autem vel eum iriure dolor in hendrerit in vulputate. ENERGETIC VALUE Velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et lusto odio dignissim qui blandit praesent luptatum zzril delenit augue duis dolore te feugait nulla facilisi.		

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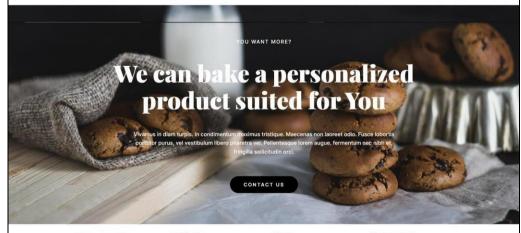
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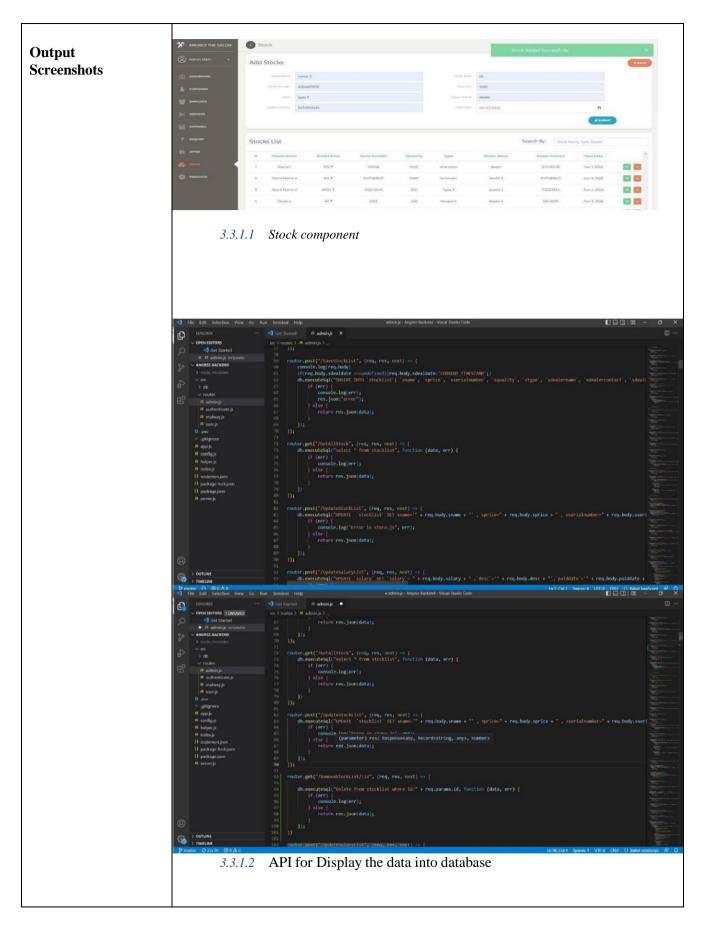
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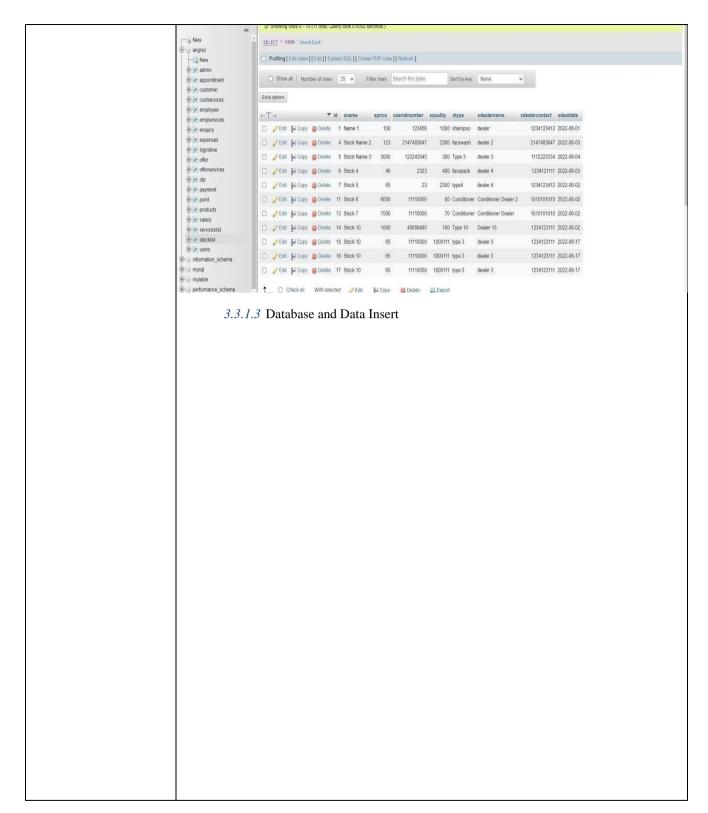
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3.3 DATABASE IN XAMPP

Table 3.3.1 Task 3

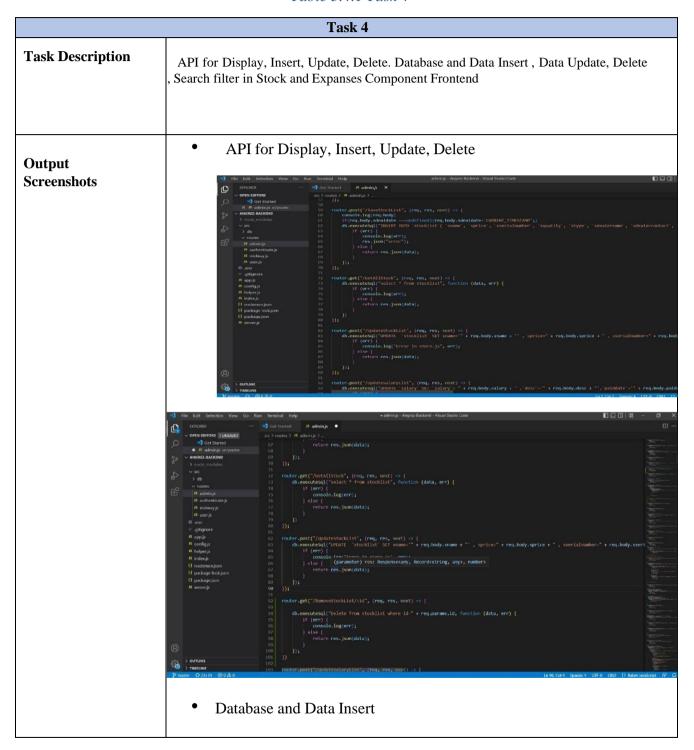
Task 3		
Task Description	• In the "Angrez" client we have created a component whose name is 'Stock', API for Displaying the data into the database and created database in xampp server and inserted some dummy database.	

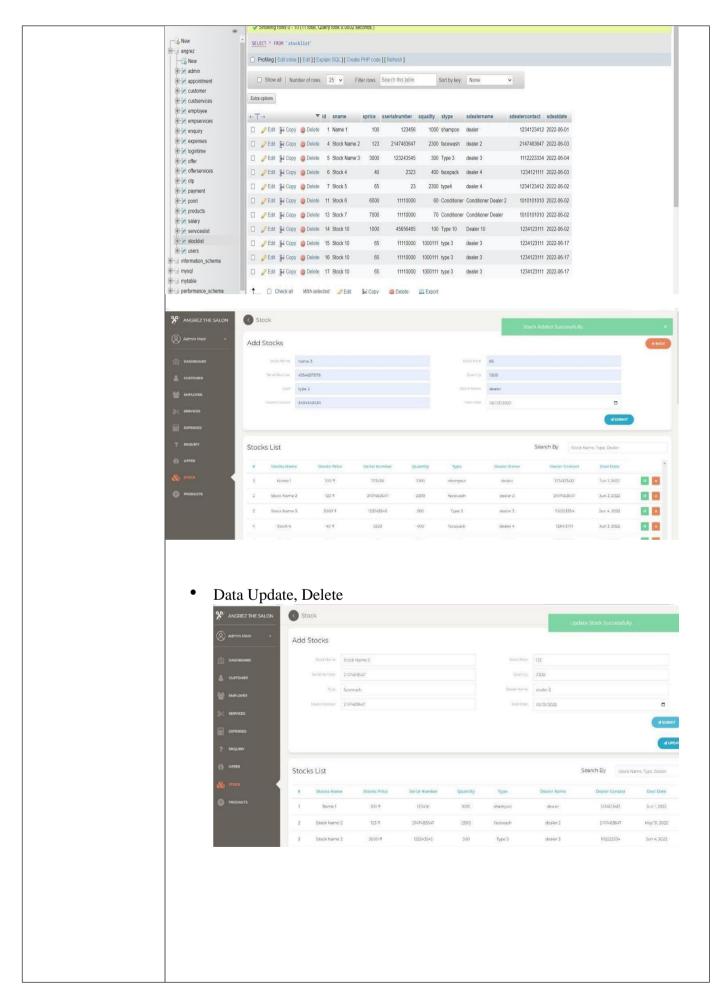


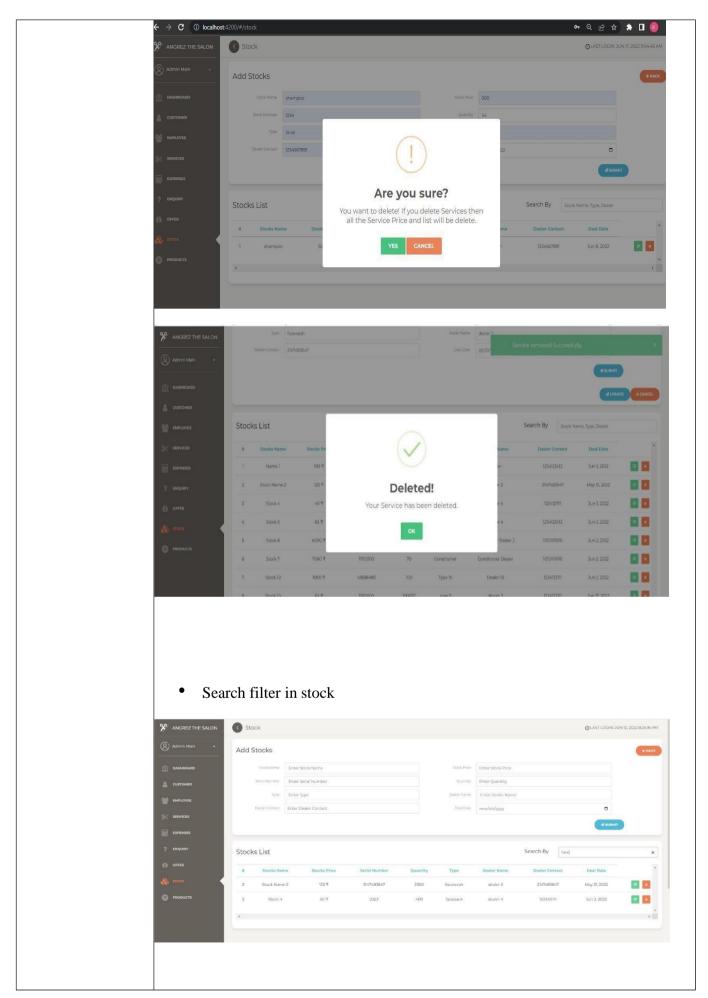


3.4 API

Table 3.4.1 Task 4

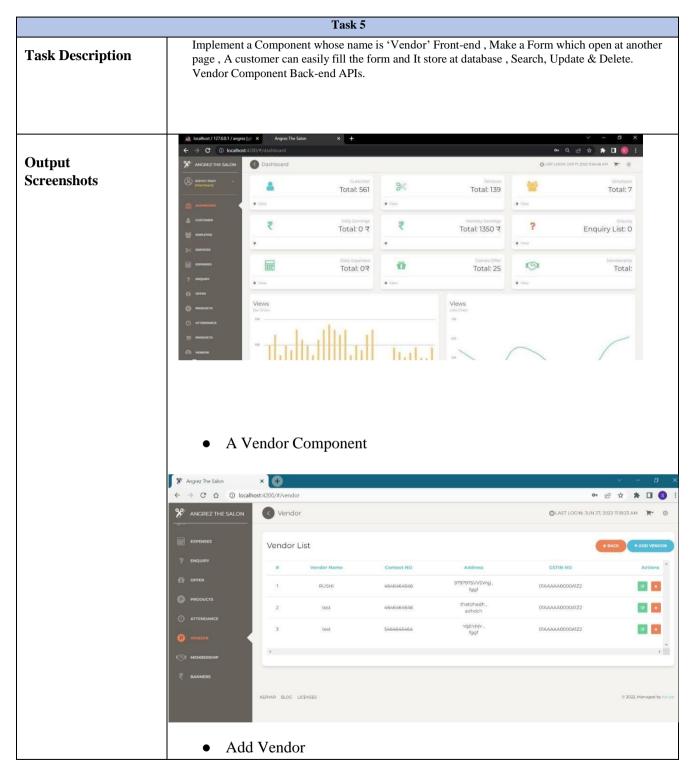


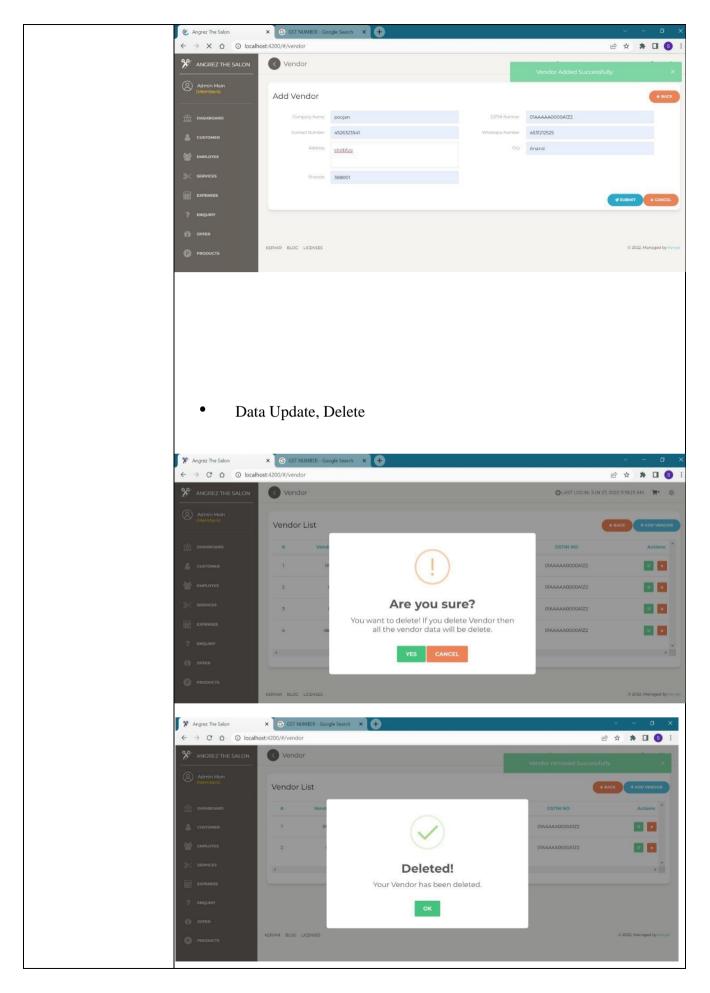


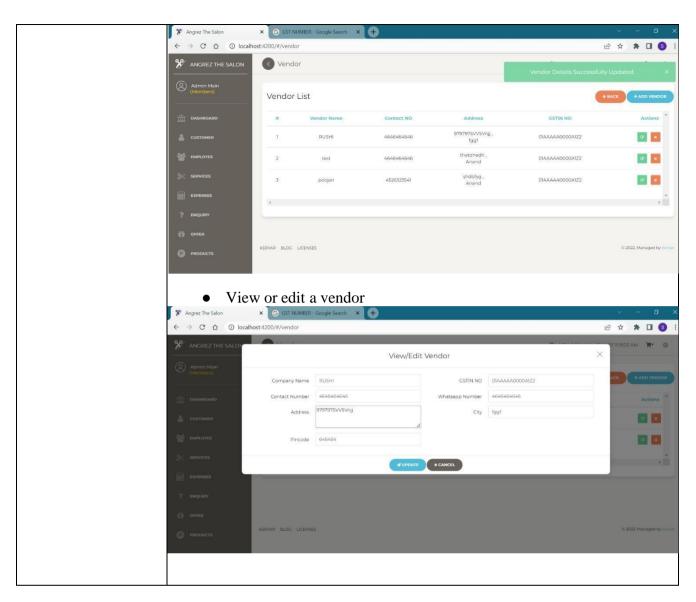


3.5 FORM FOR API

Table 3.5.1 Task 5







CHAPTER 4: CONCLUSION AND DISCUSSION

4.1 PROBLEM ENCOUNTERED AND POSSIBLE SOLUTIONS

- One of the problem encountered that the layout wasn't getting adjusted as per the size of the devices.
- This was solved by using bootstrap and creating it responsive.
- Another problem encountered was that, how to prevent an individual only register once and hence reducing multiple users with same information.
- For this we added a functionality that once a user registers with an email, cannot register again.

4.2 CONCLUSION

- The Internship helped in giving a bit insight of how the corporate world feels like and the importance of team work in a project to complete the project in a timely manner.
- The Internship also helped me learn a lot of new technical stuff such as responsiveness of a website, JavaScript framework etc.

20IT142 REFRENCES

CHAPTER 5: REFERENCES

- Bootstrap Documentation
- Form Validation using JavaScript
- JavaScript Beginners Handbook
- GUI Designing Guide