A
Summer Internship Report
On
"Online App Management System"

(IT346 – Summer Internship - I)

Prepared by
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Under the Supervision of
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CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Accredited with Grade A by NAAC
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July, 2022

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CERTIFICATE

This is to certify that the report entitled "**Online App Management System ''** is a bonafide work carried out by **MITEN PATEL (20IT101)** under the guidance and supervision of **Prof. NITA JADAV** & **Mr. 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 the candidate himself, 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).

Under the supervision of,

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Date : 1st July 2022

TO WHOMSOEVER IT MAY CONCERN

Dear Miten

This is to certify that **Miten Patel** 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, CYGNUX SOFTTECH PVT. LTD.
D. G Parmeliya
DIRECTOR

Yours sincerely,
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ABSTRACT

This project is a salon management system. Management system is the framework of processes and procedures used to ensure that an organization can fulfill all tasks required to achieve its objectives. In recent times, most organizations will opt to use management systems in their daily business tasks. There are those who still use the non-computerized system as opposed to the computerized management system. The non-computerized system may be effective but it also causes greater task load when implemented. Computerized systems make it easier for users with functions such as searching, automatic calculation, and display of related information with minimal queries. Salon Management System is to act as an alternative to the non-computerized system implemented by this system. Salon. The system developed will be able to decrease the task load of the owner and employees of Shears Inc. Salon. Software Development Life Cycle methodology is used in the development Salon Management System. This system is installed in computer devices. It runs on a local host server and MySQL is used as the database server. This summer internship provided me with team experience and helped me in developing my skills in Web development using HTML, CSS, JavaScript. I have worked with development of front end and designing of a Company's Website and Dashboard.

ACKNOWLEDGEMENT

I, the developer of "Salon Management System", with immense pleasure and commitment would like to present the project assignment. The development of this project has given us a wide opportunity to think, implement and interact with various aspects of System skills as well as the new emerging technologies.

Not all professionals do their work by themselves. Although they can be as prolific or as adept in their respective fields, they will still need assistance one way or another. I am overwhelmed in all humbleness and gratefulness to acknowledge my depth to all those who have helped us to put this idea, well about the level of simplicity and into something concrete.

I perceive this opportunity as a big milestone in my career development. I will strive to use gained skills and knowledge in the best possible way, and I will continue to work on their improvement, in order to attain desired career objectives. Hope to continue cooperation with all of you in the future,

Thanks,

MITEN PATEL(20IT101)

Table of Contents

Company Certificate… i

Abstract ii

Acknowledgement… iii

Chapter 1 Introduction 1

1.1 Overview of Projects….....2

1.2 Objective… 2

1.3 Tools and technologies….....3

1.4 Roles and Responsibility….....4

Chapter 2 System requirement study…..... 5

2.1 Hardware and software requirements… 6

Chapter 3 Implementation… 10

3.1 Implementation Environment… 11

3.2 Implementation Screenshots… 12

CHAPTER 4 CONCLUSION…..... 21

CHAPTER 5 REFERENCES… 23

CHAPTER 1: INTRODUCTION

1.1 Overview of Projects

- Angrez: This system keeps track of employee salaries, inventory and customer data along with billing. This is a fully equipped system that alone manages the entire functioning of a hair salon.
  The system is even equipped to manage customer billing and data storage.It also manages daily earning ad expenses and keeps stocks of equipment used in services.

- The Kruncheez Café is a static site which has been designed for the users to get acknowledgement about the café. It has functionalities like booking tables, ordering online food and menu details.

1.2 Objective

Objective of Angrez: The Salon is to keep a track on its daily expenses, customer, manage staff, and Publicity of their salon.

The system works as follows:

Administrator may login to the system.

He may then manage and check employee salaries due date and payment to be made.

The system also keeps track of inventory coming in.

An employee login is also present for customer billing.

As the employee enters various services, the system calculates the bill and generates the bill.

All the data of stock is stored separately.

This customer data is also separately stored in a database.

1.3 Tools and Technologies

When the idea of making a web-based application came to our mind, the first thing that was required to be done was to gather the information of the things that were required to be learnt by us in order to make this project come to life. Hence after some brainstorming and group discussions we followed the following figure and according to that learned the things in order.

Hardware:- A computer system with 4 GB RAM or more , good Internet Connection and web browser.

After the conduction of this brainstorming and learning the process the tools and technologies that we had to use were as follows:

For Angrez Salon:

- Angular
- NodeJS
- Stackoverflow (to learn for our software requirements)
- GitHub (to learn about our topic)

For Static Website (The Kruncheez Cafe):

- Html
- CSS
- JavaScript
- Bootstrap

IDE's:

- Visual Studio Code

1.4 Roles and Responsibility

- Contributed in the making of a few modules for Angrez: The Salon which includes modules like register customer, forgot password and reset password.

- Also contributed to live project websites.

Chapter 2 Project Management

2.1 Hardware and software requirements:

Hardware requirement

It can run on any system even if the hardware is not good. It only requires a web browser to run on any system.

Software requirement:

HTML:

Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items.

Figure 2.1.1 HTML

CSS:

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts.This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file which reduces complexity and repetition in the structural content as well as enabling the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it possible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braillebased tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

Figure 2.1.2 CSS

NodeJs:

Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that runs on the V8 engine and executes JavaScript code outside a web browser, which was designed to build scalable network applications. Node.js lets developers use JavaScript to write command line tools and for server-side scripting—running scripts server-side to produce dynamic web page content before the page is sent to the user's web browser.

Consequently, Node.js represents a "JavaScript everywhere" paradigm, unifying web-application development around a single programming language, rather than different languages for server-side and client-side scripts.

Figure 2.1.3 NodeJs

Visual Studio:

Microsoft Visual Studio is an integrated development environment (IDE) from Microsoft. It is used to develop computer programs, as well as websites, web apps, web services and mobile apps. Visual Studio uses Microsoft software development platforms such as Windows API, Windows Forms, Windows Presentation Foundation, Windows Store and Microsoft Silverlight. It can produce both native code and managed code.

Angular:

AngularJS is a structural framework for dynamic web apps. It lets you use HTML as your template language and lets you extend HTML's syntax to express your application's components clearly and succinctly. AngularJS's data binding and dependency injection eliminate much of the code you would otherwise have to write. And it all happens within the browser, making it an ideal partner with any server technology.

Also, we can say that AngularJS was a JavaScript-based open-source front-end web framework for developing single-page applications. It was maintained mainly by Google and a community of individuals and corporations.

Fig 2.1.5 Angular

Chapter 3 Implementation

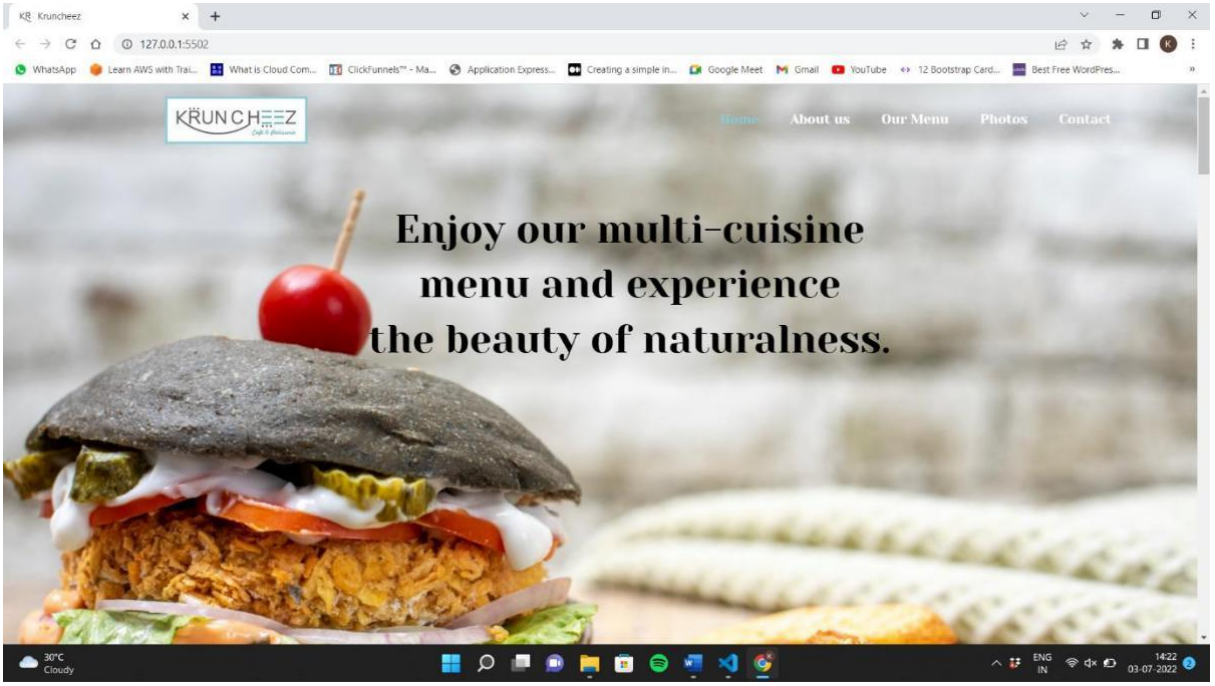
3.1 Implementation Environment:

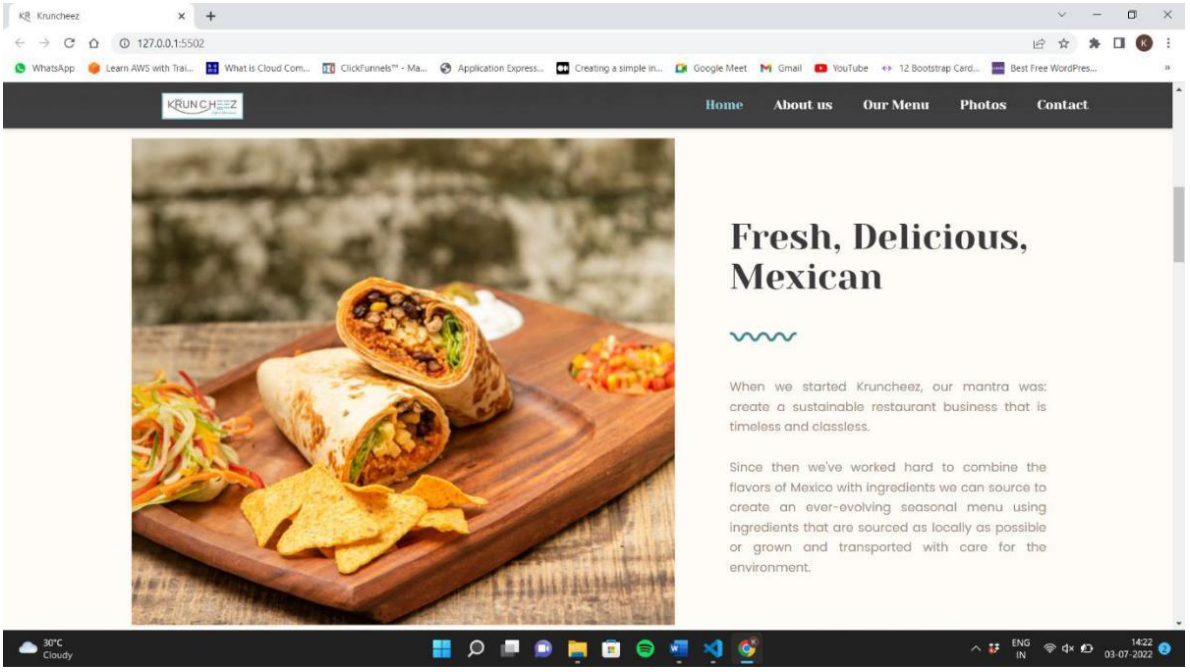
A functional requirement document defines the functionality of a system or one of its subsystems. It also depends upon the type of software, expected users and the type of system where the software is used. Functional user requirements may be high-level statements of what the system should do but functional system requirements should also describe clearly about the system services in detail.

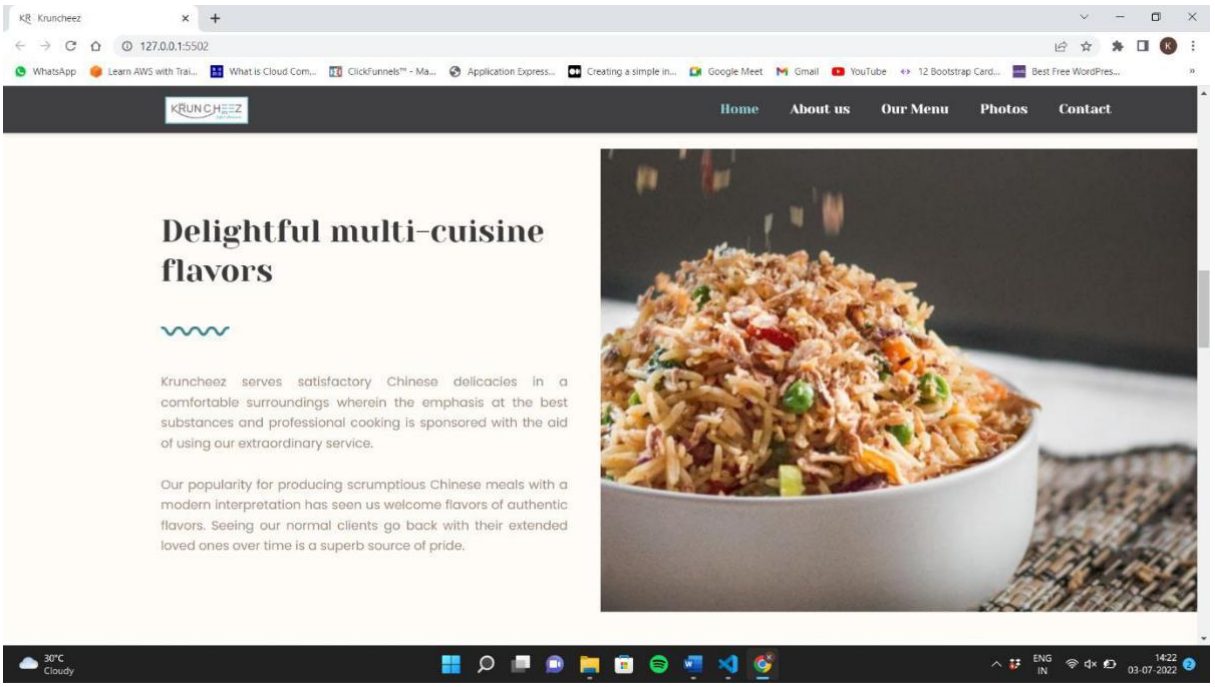
- Create regular customers and maintain (Update/ Inactive) their details.
- Create salon services and maintain (Update/ Delete) their details such as prices, description etc.
- Maintain Appointment Database (update/Delete).
- Appointment Status sent via mails for all the respective stakeholders.
- Facilitate appointment handling through an event calendar by the system.
- Generating invoices through the system.
- Maintaining an information center to display crucial data charts

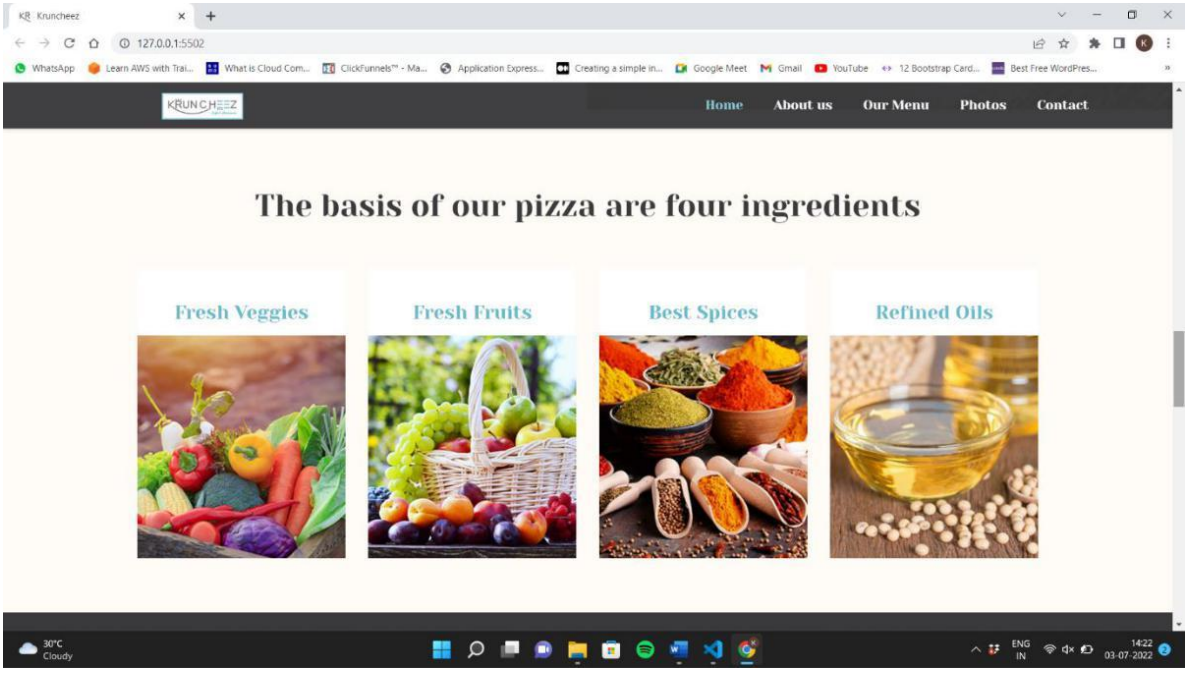
3.2 Implementation Screenshots:

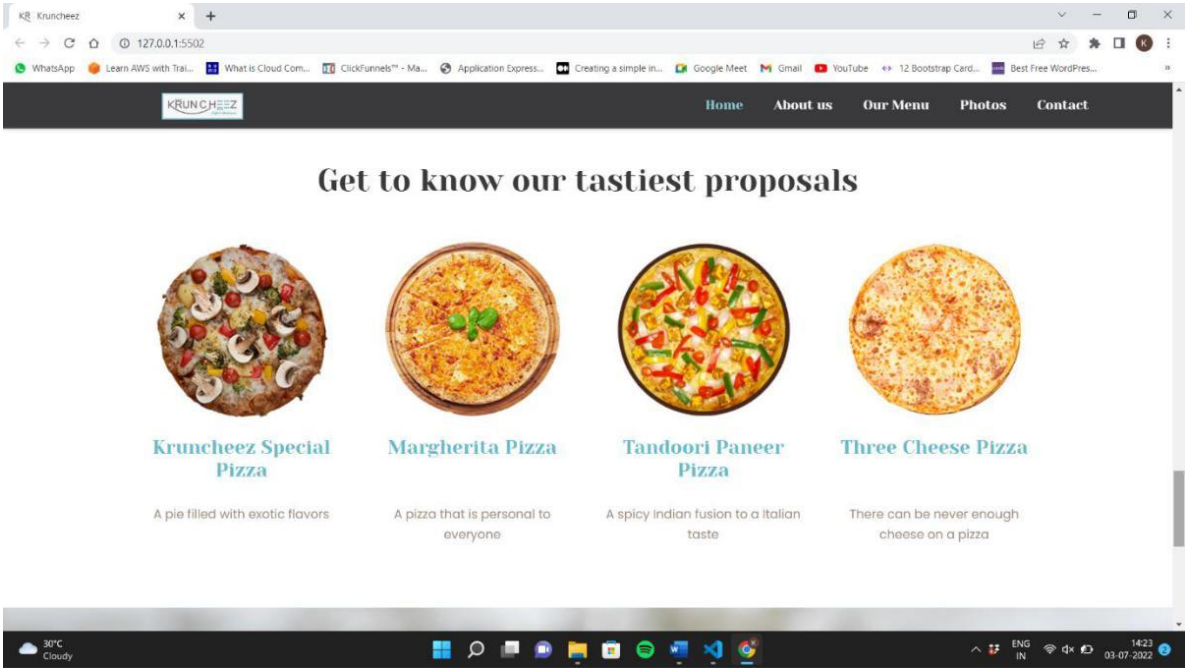
The Kruncheez Cafe



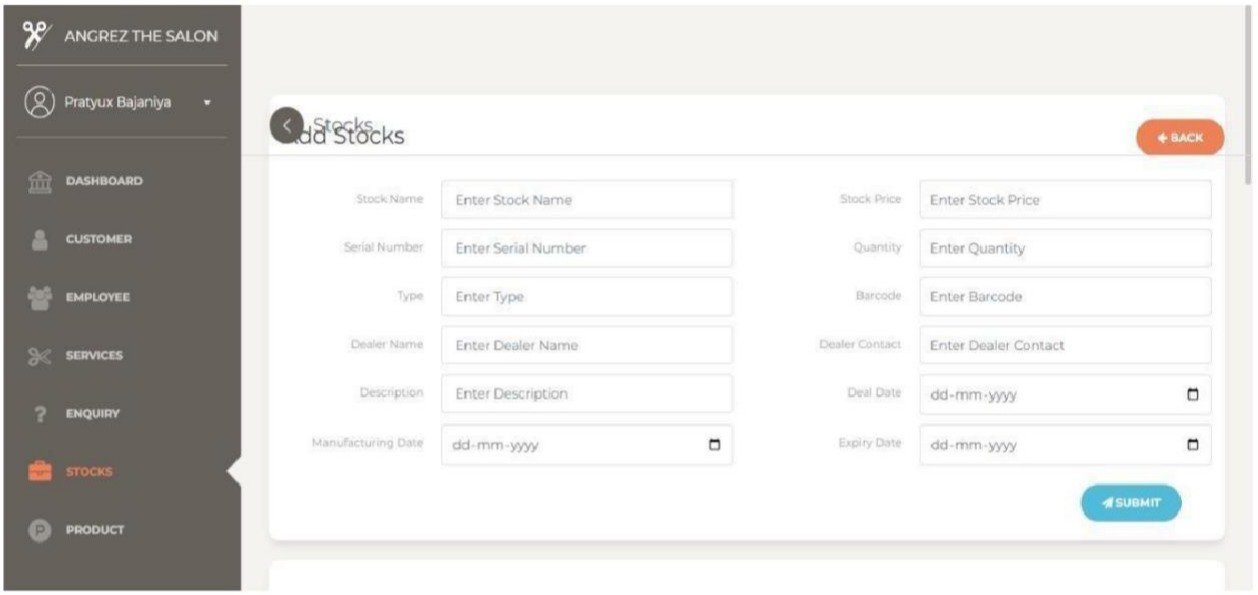


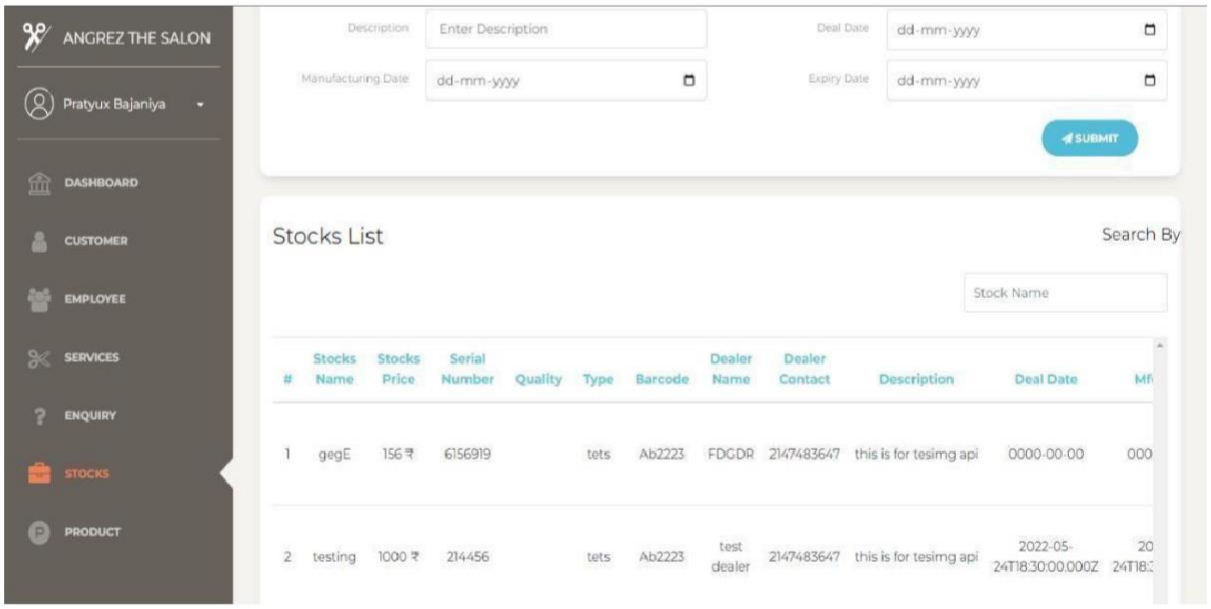

Kruncheez
127.0.0.1:5502
KRUNCHEEZ
Home
About us
Our Menu
Photos
Contact
Delightful multi-cuisine flavors
Kruncheez serves satisfactory Chinese delicacies in a comfortable surroundings wherein the emphasis at the best substances and professional cooking is sponsored with the aid of using our extraordinary service.
Our popularity for producing scrumptious Chinese meals with a modern interpretation has seen us welcome flavors of authentic flavors. Seeing our normal clients go back with their extended loved ones over time is a superb source of pride.

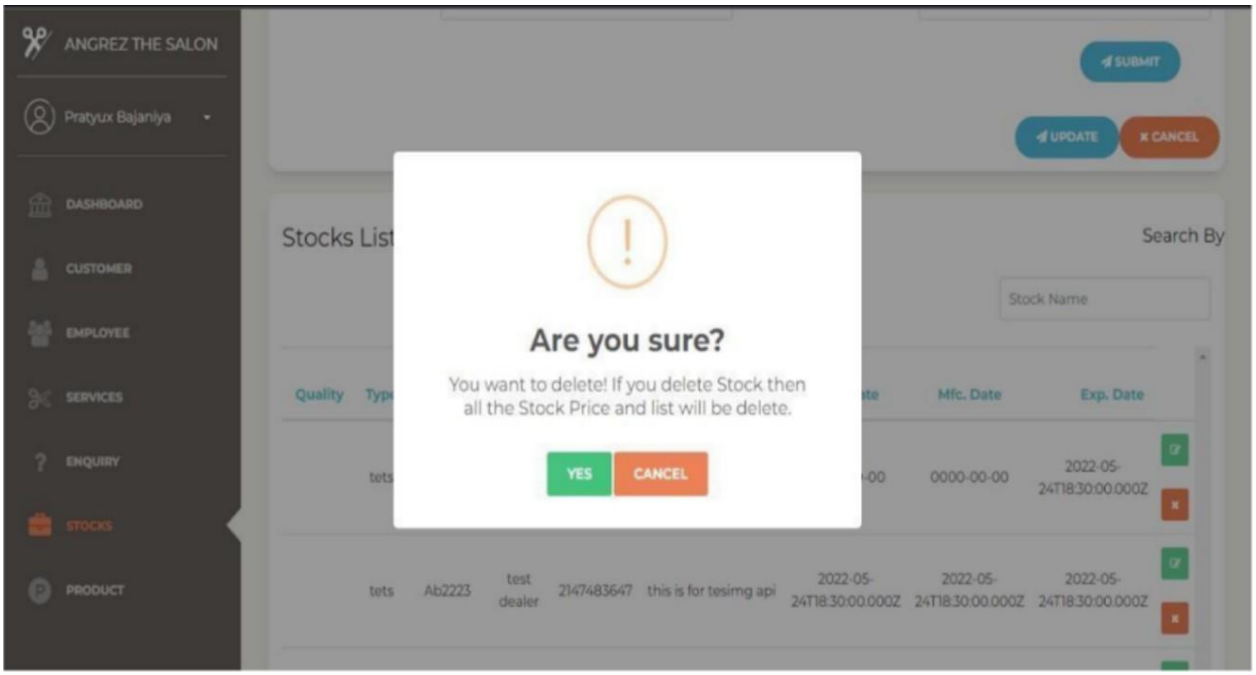

Kruncheez
127.0.0.1:5502
KRUNCHEEZ
Home
About us
Our Menu
Photos
Contact
The basis of our pizza are four ingredients
Fresh Veggies
Fresh Fruits
Best Spices
Refined Oils


Kruncheez
127.0.0.1:5502
KRUNCHEEZ
Home
About us
Our Menu
Photos
Contact
Get to know our tastiest proposals
Kruncheez Special Pizza
A pie filled with exotic flavors
Margherita Pizza
A pizza that is personal to everyone
Tandoori Paneer Pizza
A spicy Indian fusion to a Italian taste
Three Cheese Pizza
There can be never enough cheese on a pizza

Angrez: The Salon






ANGREZ THE SALON
Pratyux Bajaniya
DASHBOARD
CUSTOMER
EMPLOYEE
SERVICES
ENQUIRY
STOCKS
PRODUCT
SUBMIT
UPDATE
CANCEL
Stocks List
Search By
Stock Name
Quality
Mfc. Date
Exp. Date
Are you sure?
You want to delete! If you delete Stock then all the Stock Price and list will be delete.
YES
CANCEL
tets
Ab2223
test dealer
2147483647
this is for tesimg api
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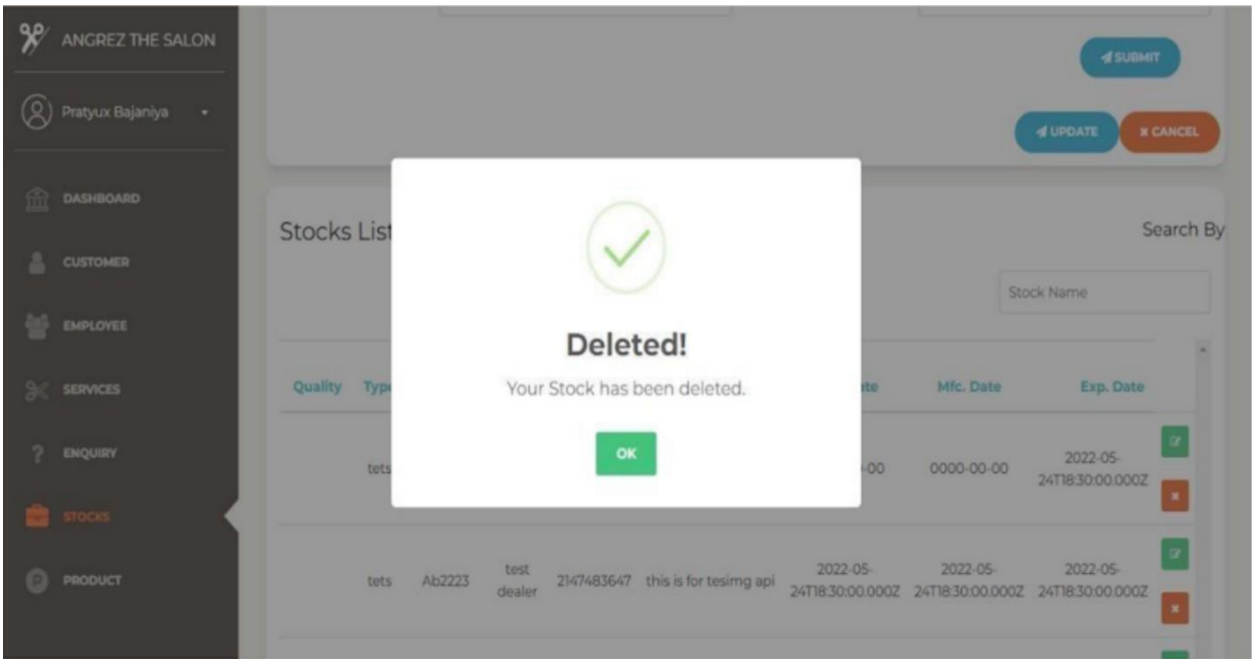
ANGREZ THE SALON
Pratyux Bajaniya
DASHBOARD
CUSTOMER
EMPLOYEE
SERVICES
ENQUIRY
STOCKS
PRODUCT
SUBMIT
UPDATE
CANCEL
Stocks List
Search By
Stock Name
Quality
Mfc. Date
Exp. Date
Deleted!
Your Stock has been deleted.
OK
tets
Ab2223
test dealer
2147483647
this is for tesimg api
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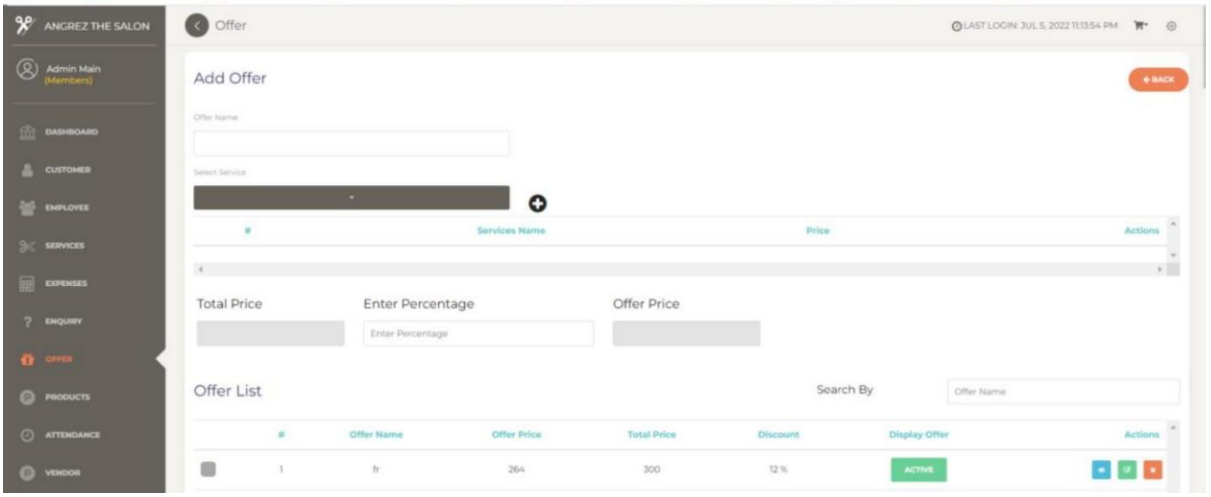
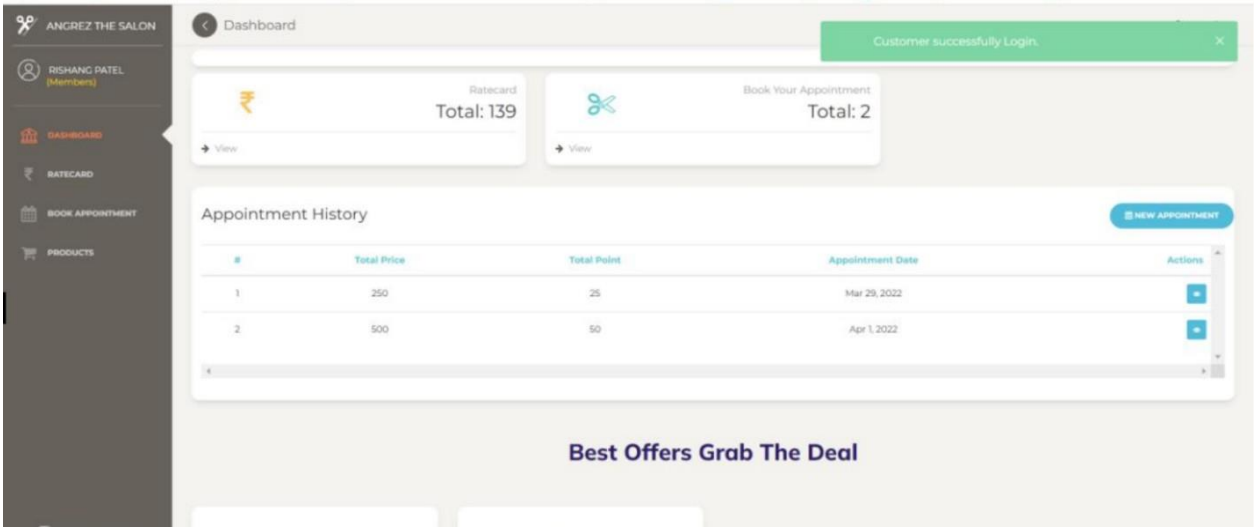
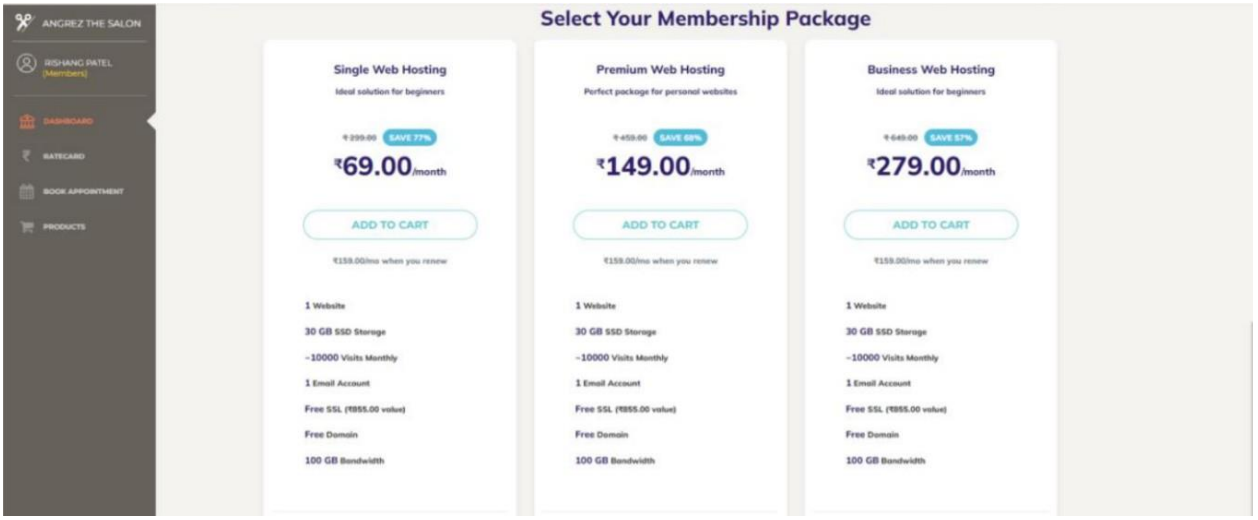
2022-05-24T18:30:00.000Z


ANGREZ THE SALON
Admin Main
(Members)
DASHBOARD
CUSTOMER
EMPLOYEE
SERVICES
EXPENSES
ENQUIRY
OFFER
PRODUCTS
ATTENDANCE
VENDOR
Offer
LAST LOGIN: JUL 5, 2022 11:13:54 PM
Add Offer
BACK
Offer Name
Select Service
Services Name Price Actions
Total Price
Enter Percentage
Enter Percentage
Offer Price
Offer List
Search By
Offer Name
Offer Name Offer Price Total Price Discount Display Offer Actions
1 fr 264 300 12 % ACTIVE


ANGREZ THE SALON
RISHANG PATEL
(Members)
DASHBOARD
RATECARD
BOOK APPOINTMENT
PRODUCTS
Dashboard
Customer successfully Login.
Ratecard
Total: 139
View
Book Your Appointment
Total: 2
View
Appointment History
NEW APPOINTMENT
Total Price Total Point Appointment Date Actions
1 250 25 Mar 29, 2022
2 500 50 Apr 1, 2022
Best Offers Grab The Deal


ANGREZ THE SALON
RISHANG PATEL
(Members)
DASHBOARD
RATECARD
BOOK APPOINTMENT
PRODUCTS
Select Your Membership Package
Single Web Hosting
Ideal solution for beginners
₹399.00 SAVE 77%
₹69.00/month
ADD TO CART
₹159.00/mo when you renew
1 Website
30 GB SSD Storage
~10000 Visits Monthly
1 Email Account
Free SSL (₹855.00 value)
Free Domain
100 GB Bandwidth
Premium Web Hosting
Perfect package for personal websites
₹459.00 SAVE 68%
₹149.00/month
ADD TO CART
₹159.00/mo when you renew
1 Website
30 GB SSD Storage
~10000 Visits Monthly
1 Email Account
Free SSL (₹855.00 value)
Free Domain
100 GB Bandwidth
Business Web Hosting
Ideal solution for beginners
₹649.00 SAVE 57%
₹279.00/month
ADD TO CART
₹159.00/mo when you renew
1 Website
30 GB SSD Storage
~10000 Visits Monthly
1 Email Account
Free SSL (₹855.00 value)
Free Domain
100 GB Bandwidth

Use Case Diagram:

CHAPTER 4 CONCLUSION

CONCLUSION

In the end , we would just like to briefly explain how this project helped us to excel at our own best level and made us learn a lot of new things, technologies, team management. And also implement all of the skills that we previously acquired or learned later on as a part of the completion of the project. Moreover, this project helped us to learn about the real scenarios of working in a team for real tasks and to cope up with the deadlines, quality management and each and every aspect of the project. This project gave us a motivation to think differently and express our own ideas to implement it. Also, it taught us how to deal with the errors, quality related, time related and other management related problems.

Most importantly with the medium of this project we learned Many new skills, ranging from soft skills to technical skills. Qualities related to management, problem saving time saving etc. were also learnt by us. We tried to make an honest solution for people out there facing the problems and learned how all the skilled combined: with the help of a perfect team and a proper management along-with proper skills is the key to provide the solution of any possible problems out there. And we believe that we did a great job implementing all our knowledge, and are grateful to present this execution of one such idea.

Thanking all those who helped us in a big or a small way for this project. Every contribution that has been given is very valuable to us and is the true reason for this project to stand out as a pioneer based preliminary project and the success of this project. With that being notified we heartily present our project and welcome all the suggestions or improvements with open hands.

CHAPTER 5 REFERENCES

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