

A Project/Internship Report

on

PizzaShop

Submitted by

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In partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

Information Technology

Government Engineering college, Sector 28, Gandhinagar



Gujarat Technological University

Ahmedabad [April, 2025]



**Government Engineering college,
Sector 28, Gandhinagar**

CERTIFICATE

This is to certify that the project report submitted along with the project entitled **PizzaShop** has been carried out by **Mayank Rajendrakumar Chauhan** under my guidance in partial fulfilment for the degree of Bachelor of Engineering in **Information Technology**, 8th Semester of Gujarat Technological University, Ahmadabad during the academic year 2024-25.

Sweety Patel
External Guide

Prof. Hetal Chauhan
Internal Guide

Dr. J.S. Dhobi
Head of the Department

COMPANY CERTIFICATE



Outsourcing • Custom Software Development • Web Application & eBusiness Solution

Date: 8th Apr 2025

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mayank Rajendrakumar Chauhan a student of GEC Gandhinagar was selected for an internship at TatvaSoft in accordance with the college's policy.

Mayank Rajendrakumar Chauhan has been engaged in project training at our organization from January to April 2025 as part of their academic curriculum. The project details are as follows:

Project Title: Pizza Shop

Technology Used: .NET

Project Mentor: Ms. Sweety Patel, Learning and Development Executive

For any further details, Ms. Patel can be contacted at sweety.patel@tatvasoft.com or 9601421472. This certificate is issued upon request for academic submission purposes.

For TatvaSoft

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**Government Engineering college,
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DECLARATION

I hereby declare that the Internship/ Project Report submitted along with the Internship entitled **PizzaShop** submitted in partial fulfillment for the degree of Bachelor of Engineering in Information Technology to Gujarat Technological University, Ahmadabad, is a bonafide record of original project work carried out by me at **Tatvasoft** under the supervision of **Sweety S. Patel** and that no part of this report has been directly copied from any student's reports or taken from any other source, without providing due reference.

Name of Student

MAYANK RAJENDRAKUMAR CHAUHAN

Sign of Student

ACKNOWLEDGEMENT

I would like to express my sincere gratitude to several individuals for supporting me throughout my internship project. First, I wish to express my sincere gratitude to my Internal Guide, **Prof. Hetal Chauhan**, for her enthusiasm, patience, insightful comments, helpful information, practical advice and unceasing ideas that have helped me tremendously at all times in my project. Without her support and guidance, this project would not have been possible.

I would like to express my endless thanks to my external guide **Ms. Sweety S. Patel** at **Tatvasoft** their sincere and dedicated guidance throughout the project development.

I am highly indebted to my institute guide **Prof. Hetal Chauhan** for the facilities provided to accomplish this internship. Also I would like to thank my Head of the Department **Pro. J.S. Dhobi** for his constructive criticism throughout my internship. I am extremely grateful to my department staff members and friends who helped me in successful completion of this internship.

Thanking you,

MAYANK RAJENDRAKUMAR CHAUHAN

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ABSTRACT

The PizzaShop System is designed to streamline and automate restaurant management processes, including order management, menu customization, role-based access control, and payment processing. It ensures smooth coordination between Admins, Account Managers, and Chefs, each with a dedicated interface tailored to their responsibilities.

The system enhances restaurant operations through multiple interconnected modules, allowing Account Managers to efficiently place and track customer orders, Chefs to manage kitchen workflows, and Admins to oversee menu updates and system configurations. Built using ASP.NET Core MVC and PostgreSQL, the PizzaShop System centralizes key restaurant functions, reducing errors and improving overall efficiency.

By integrating real-time order tracking, reporting, and secure authentication mechanisms, PizzaShop optimizes both front-end and back-end management, ensuring a seamless and structured approach to handling daily restaurant operations.

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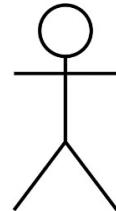
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LIST OF SYMBOLS

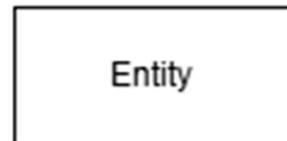
Dataflow



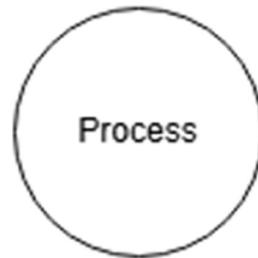
Actor



Entity



Process



Database Table

Database

LIST OF ABBREVIATIONS

Docs	Documents
IDE	Integrated Development Environment
SQL	Structured Query Language
JS	JavaScript
HTML	Hyper Text Markup Language
CSS	Cascading Style Sheet
CSHTML	C Sharp Hyper Text Markup Language
CS	C Sharp
DBA	Database Administrator
DBMS	Database Management System
HR	Human resources
QA	Quality Assurance
SMS	Short Message Service
UI	User Interface
UX	User Experience

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CHAPTER 1

OVERVIEW OF COMPANY



Figure1.1 Company Logo

TatvaSoft, founded in 2001 and headquartered in Ahmedabad, is a distinguished software product development company known for its expertise in designing and implementing mobile apps, advanced software solutions, and websites. Specializing in crafting comprehensive digital solutions, TatvaSoft assists businesses across various sectors in overcoming their challenges and achieving their goals effectively.

With a skilled team proficient in a multitude of technologies, TatvaSoft offers bespoke website development services tailored to the unique needs of each client. Whether it's creating dynamic e-commerce platforms, interactive corporate websites, or engaging web applications, TatvaSoft leverages its expertise to deliver high-quality, visually appealing, and user-friendly websites.

In addition to website development, TatvaSoft excels in mobile app development and software implementation. By conceptualizing and strategizing the entire development process, the company ensures that projects are executed with precision, reducing risks, managing costs, and delivering solutions that meet and exceed client expectations.

Through its commitment to excellence and innovation, TatvaSoft has earned a reputation as a trusted partner for businesses seeking to leverage technology to drive growth and success in today's digital landscape.

CHAPTER 2

OVERVIEW OF THE COMPANY DEPARTMENT

TatvaSoft: Your One-Stop Shop for Software Development

TatvaSoft is a reputed CMMI level 3 software and mobile app development company with a focus on providing exceptional customer service. We offer a full range of development services to ensure your project's success, from initial concept to final product.

2.1 ALL DEPARTMENTS

- HR Department
- Sales Marketing Department
- Development Department
- Testing Department

2.2 TECHNICAL SPECIFICATIONS IN DEPARTMENT

• **HR Department**

Our HR team is committed to finding the best talent and fostering a positive work environment that maximizes employee productivity. They handle everything from recruitment and compensation to training and development.

• **Sales Marketing Department**

Our sales and marketing team works diligently to understand your target market and develop strategies to reach them effectively. They help you determine the best pricing and positioning for your product or service.

• **Development Department**

Our development department is comprised of skilled professionals across various specialties, including web development, Android development, and iOS development. We use the latest technologies to create high-quality, user-friendly applications.

• **Testing Department**

Our testing department plays a vital role in ensuring the quality of your software. They rigorously test all aspects of your application to identify and fix any bugs before it reaches the market.

2.3 SEQUENCE OF OPERATORS

1. **Requirement Gathering & Analysis:** Our research team gathers your requirements, analyzes them, and defines the features to be developed. They also estimate the project's cost and timeline.
2. **Development & Team Allocation:** We leverage expert teams like ASP.NET MVC for backend and a modern UI framework for frontend, ensuring a tailored approach for each project.
3. **Testing & Quality Assurance:** Once development is complete, our testing team meticulously tests the software to ensure it meets all requirements and functions flawlessly.

2.4 PRODUCT STAGES



Fig 2.1 Production Stage

CHAPTER 3

INTRODUCTION TO INTERNSHIP

3.1 PROJECT SUMMARY

Table 3.1.1 Project Summary

Project Title	PizzaShop	
Aim	<p>PizzaShop The PizzaShop System is designed to streamline and automate restaurant management processes, including order management, menu customization, role-based access control, and payment processing. It ensures smooth coordination between Admins, Account Managers, and Chefs, each with a dedicated interface tailored to their responsibilities.</p>	
Developed At	TatvaSoft	
Project Category	Web site	
Tools	IDE	Visual Studio Code
	Languages/Frameworks	ASP .NET (MVC), PostgreSQL, Bootstrap
	Database	PostgreSQL
Duration	3 Months (January 2025 to April 2025)	

3.2 PURPOSE

The Pizza Shop Management System is a web-based application developed using ASP.NET to streamline and automate the daily operations of a restaurant. Its primary purpose is to centralize the management of key restaurant processes, including user authentication, order processing, menu customization, table and section management, and customer tracking. By providing role-specific dashboards for Super Admin, Account Manager, and Chef, the system aims to enhance operational efficiency, reduce manual errors, and improve decision-making through real-time insights into restaurant performance.

3.3 OBJECTIVE

The Pizza Shop Management System is designed with the primary goal of enhancing the operational efficiency and management of a restaurant through targeted automation and role-specific functionalities. It aims to streamline routine tasks such as order processing, table assignments, and kitchen order tracking (KOT), ensuring faster service delivery and reduced manual effort. By providing distinct dashboards for Super Admin, Account Manager, and Chef roles, the system seeks to facilitate seamless collaboration and task execution tailored to each user's responsibilities. Additionally, it offers real-time data insights through tiles and charts—displaying metrics like total orders, sales figures, and customer growth—to empower restaurant administrators with the information needed for informed decision-making. The system also prioritizes secure user management with JWT-based authentication and comprehensive user administration capabilities, while aiming to boost customer satisfaction through features like efficient waiting list management, table assignments, and feedback collection. Ultimately, it strives to deliver a scalable and secure platform capable of supporting multiple users and large datasets with reliability and ease of use.

3.4 SCOPE

The scope of the Pizza Shop Management System encompasses the development of a robust, web-based application using ASP.NET to manage the core operations of a restaurant efficiently. This includes a secure authentication module featuring email/password login, a "Remember Me" option, and password reset functionality, ensuring safe and convenient access for users. The system provides three key dashboards: the Super Admin Dashboard for comprehensive oversight, including user management, menu customization, order tracking, and real-time analytics; the Account Manager Dashboard for managing accounts and financials; and the Chef Dashboard for managing kitchen operations and food preparation. The system also includes features for table assignments, order tracking, and reporting.

Dashboard for handling orders, table assignments, waiting lists, and customer interactions via the Order App; and the Chef Dashboard for managing Kitchen Order Tickets (KOT) with real-time status updates. Core functionalities include CRUD operations for managing users, roles, menu items, modifiers, tables, sections, taxes, fees, orders, and customers, all supported by real-time updates to enhance operational responsiveness. Built with scalability in mind, the system leverages server-side pagination and sorting, paired with a database backend (e.g., SQL Server), to handle large datasets effectively. However, the current scope does not include payment integration, mobile app support, or advanced reporting features, which are potential areas for future expansion.

3.5 TECHNOLOGY AND LITERATURE REVIEW

Table 3.5.1 Technologies Used to Develop Project

Front End	Bootstrap, CSHTML , CSS
Back End	.NET 7 MVC
Database	PostgreSQL

3.6 PLANNING

3.6.1 Project / Internship Development Approach and Justification

The software development models are the various processes or methodologies that are being selected for the development of the project depending on the project's aims and goals. There are many development life cycle models that have been developed in order to achieve different required objectives. The models specify the various stages of the process and the order in which they are carried out.

The selection of model has very high impact on the testing that is carried out. It will define the what, where and when of our planned testing, influence regression testing and largely determines which test techniques to use.

According to our project requirements we chose scrum methodology to accomplish project in effective and timely manner.

3.6.2 Scrum Methodology

Scrum is an agile development methodology used in the development of Software based on an iterative and incremental processes. Scrum is adaptable, fast, flexible and effective agile framework that is designed to deliver value to the customer throughout the

development of the project. The primary objective of Scrum is to satisfy the customer's need through an environment of transparency in communication, collective responsibility and continuous progress. The development starts from a general idea of what needs to be built, elaborating a list of characteristics ordered by priority (product backlog) that the owner of the product wants to obtain.

3.6.3 Scrum Methodology & Process

Scrum is precisely an evolution of Agile Management. Scrum methodology is based on a set of very defined practices and roles that must be involved during the software development process. It is a flexible methodology that rewards the application of the 12 agile principles in a context agreed by all the team members of the product.

Scrum is executed in temporary blocks that are short and periodic, called Sprints, which usually range from 2 to 4 weeks, which is the term for feedback and reflection. Each Sprint is an entity in itself, that is, it provides a complete result, a variation of the final product that must be able to be delivered to the client with the least possible effort when requested.

The process has as a starting point, a list of objectives/ requirements that make up the project plan. It is the client of the project that prioritizes these objectives considering a balance the value and the cost thereof, that is how the iterations and consequent deliveries are determined.



Fig 3.6.3.1 Scrum Methodology

On the one hand the market demands quality, fast delivery at lower costs, for which a company must be very agile and flexible in the development of products, to achieve short development cycles that can meet the demand of customers without undermining the quality of the result. It is a very easy methodology to implement and very popular for the

quick results it gets.

Scrum methodology is used mainly for software development, but other sectors are also taking advantage of its benefits by implementing this methodology in their organizational models such as sales, marketing, & HR teams etc.

3.6.4 Roles and Responsibilities

- **Scrum Master**

The person who leads the team guiding them to comply with the rules and processes of the methodology. Scrum master manages the reduction of impediments of the project and works with the Product Owner to maximize the ROI. The Scrum Master is in charge of keeping Scrum up to date, providing coaching, mentoring and training to the teams in case it needs it.

- **Product Owner**

Product is the representative of the stakeholders and customers who use the software. They focus on the business part and is responsible for the ROI of the project. They translate the vision of the project to the team, validate the benefits in stories to be incorporated into the Product Backlog and prioritize them on a regular basis.

- **Team**

A group of professionals with the necessary technical knowledge who develop the project jointly carrying out the stories they commit to at the start of each sprint.

3.6.5 Group Dependencies

- **.Net Development Team**

.Net works in both back-end as well as front-end development. It uses API developed by Java team.

- **DBA Team** is responsible for entire database related work. It provides database service to Java as well as .Net team.

3.7 SCHEDULING

Week	1	2	3	4	5	6	7	8	9	10	11	12
Month Activity	January		February				March				April	
Domain Understanding												
Future Analysis												
Learning Process												
Design												
Coding and Testing												
Final Documentation												

Fig 3.7.1 Gantt Chart

CHAPTER 4

SYSTEM ANALYSIS

4.1 STUDY OF CURRENT SYSTEM

- **Manual Order Processing:** Many restaurants still rely on handwritten orders, leading to inefficiencies.
- **Lack of Role-Based Access:** Some systems do not have proper access control for Admin, Account Manager, and Chef.
- **Limited Real-Time Updates:** Orders are not updated in real-time for kitchen staff, causing delays.
- **Inefficient Inventory Management:** Existing systems may not track ingredients and stock properly.
- **Security Issues:** Many restaurant management systems do not provide secure authentication for users.

4.2 WEAKNESS OF CURRENT SYSTEM

- Time-consuming manual operations
- Inaccurate tracking of orders and inventory
- No proper user role management
- Difficulty in managing large orders during peak hours
- Lack of real-time order updates

4.3 REQUIREMENT OF NEW SYSTEM

- **Automated Order Processing:** Orders will be managed digitally, reducing errors.
- **Role-Based Access:** Admin, Account Manager, and Chef will have specific permissions.
- **Real-Time Updates:** Orders will be updated live in the system, visible to all users.
- **Inventory Management:** The system will track ingredient stock levels.
- **Security & Authentication:** Secure login and access control will be implemented.

4.4 FEASIBILITY STUDY

4.4.1 Scheduling for the Project

Table: 4.4.1.1 Activity of Proposed System

Title	Date	Status
Requirement Analysis	20/01/2025 to 27/01/2025	Completed
System Design	28/01/2025 to 30/01/2025	Completed
Database Setup	31/01/2025 to 11/02/2025	Completed
Frontend & Backend Development	12/02/2025 to 07/05/2025	In Progress
Testing & Debugging	08/05/2025	In Progress
Final Documentation & Submission	08/05/2025 to 09/05/2025	In Progress

4.5 USE CASE DIAGRAM

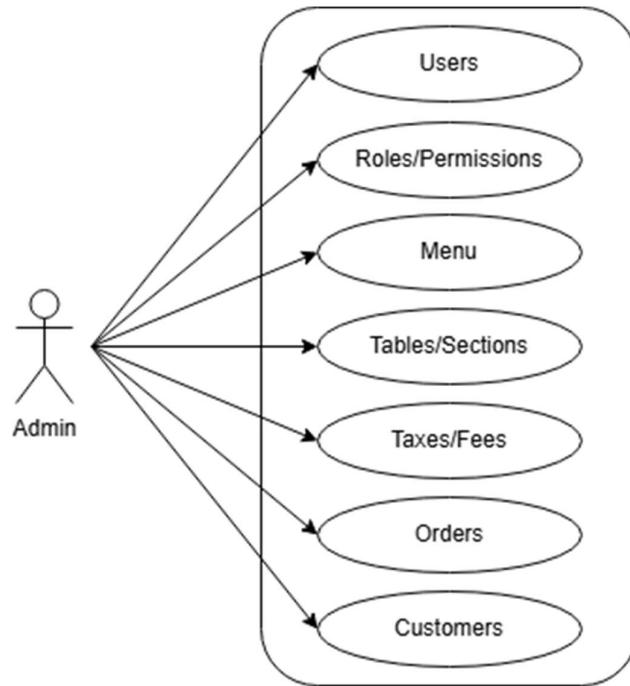


Fig 4.5.1 Admin - Use case diagram

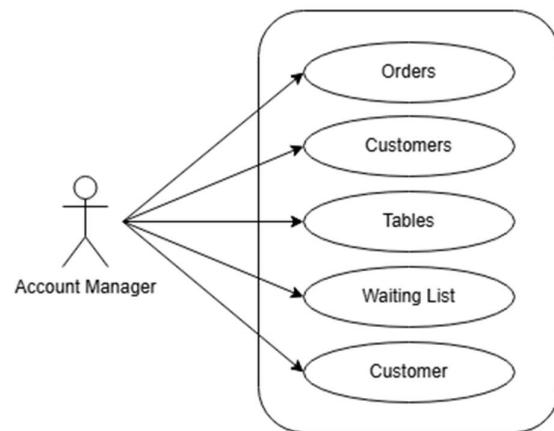


Fig 4.5.2 Account Manager - Use case diagram

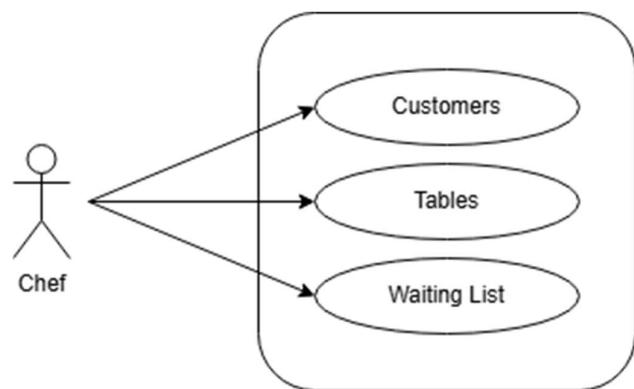


Fig 4.5.3 Chef - Use case diagram

4.6 DATA FLOW DIAGRAM

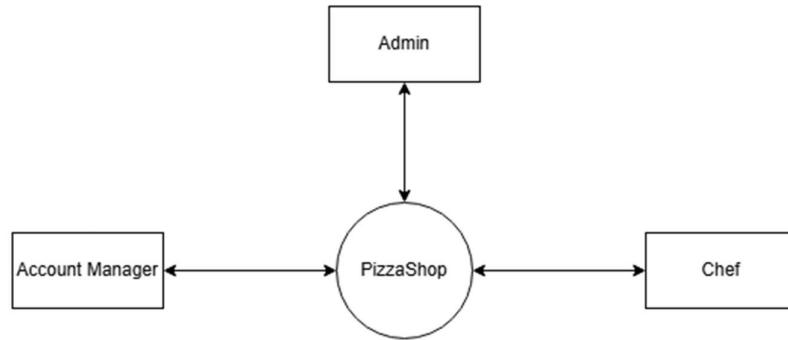


Fig 4.6.1 DFD – Level 0

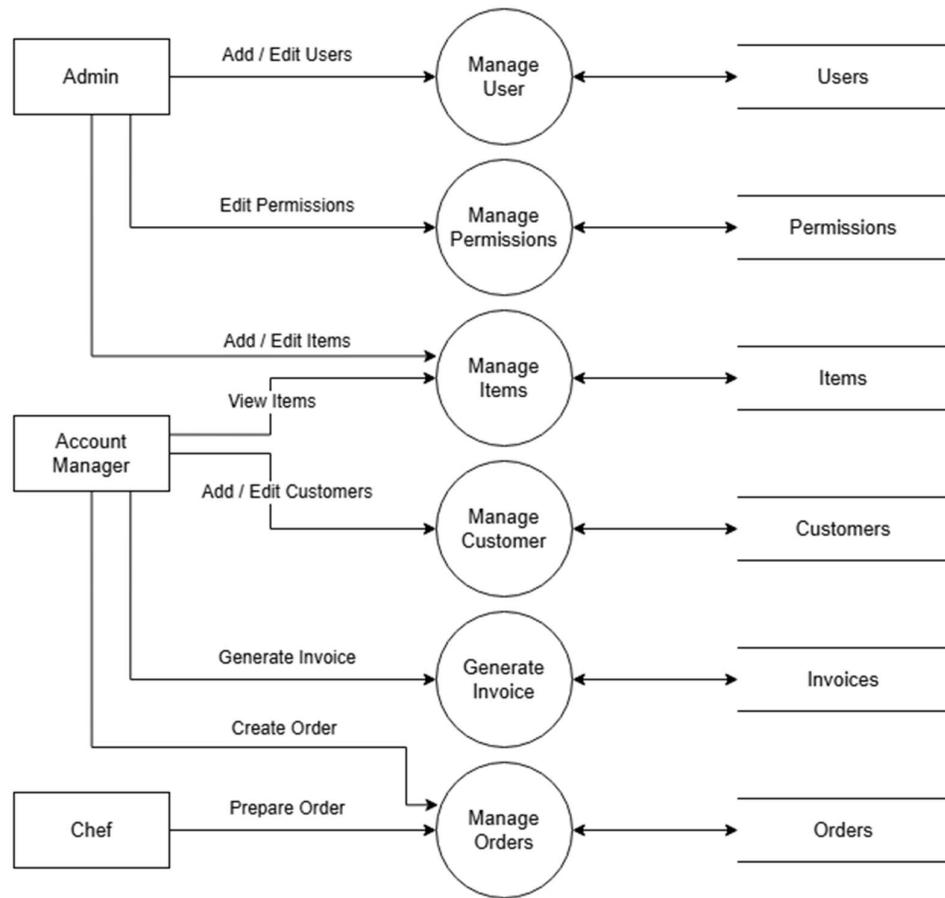


Fig 4.6.2 DFD – Level 1

4.7 ACTIVITY DIAGRAM

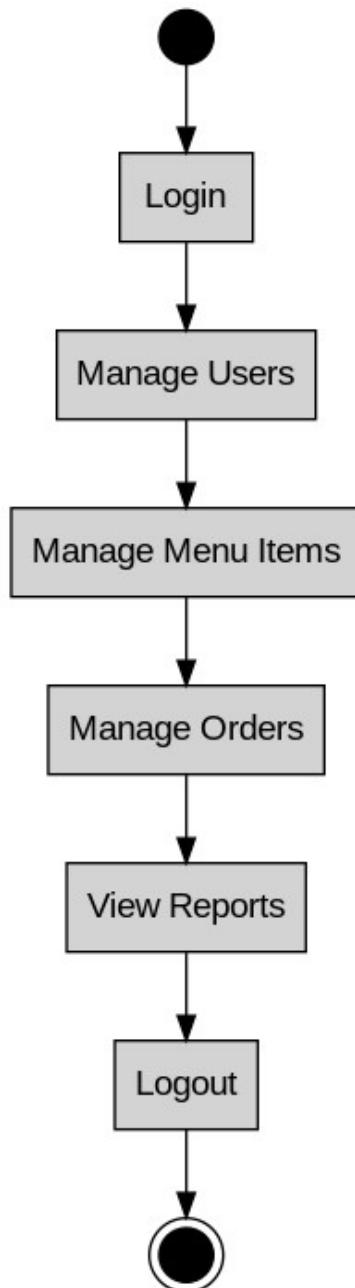


Fig 4.7.1 Admin – Activity Diagram

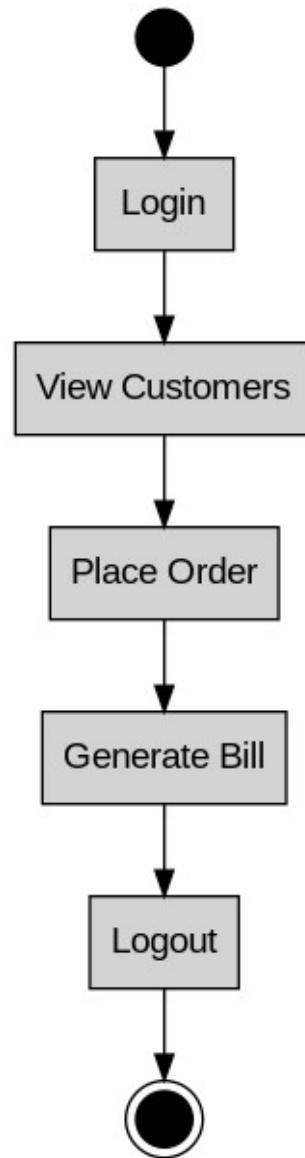


Fig 4.7.2 Account Manager – Activity Diagram

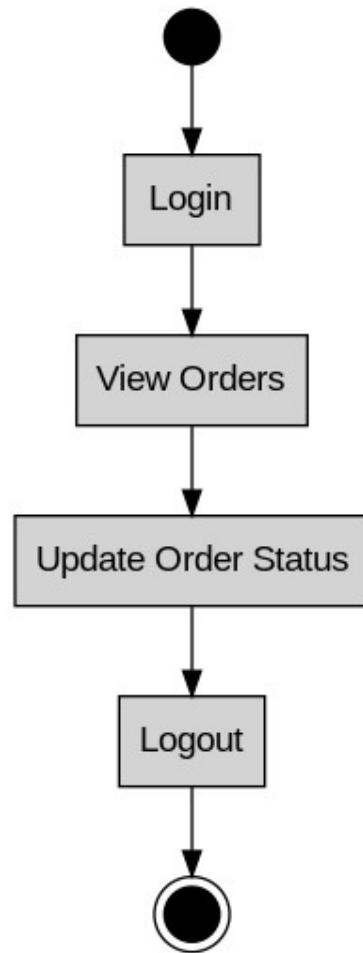


Fig 4.7.3 Chef – Activity Diagram

4.8 LIST OF MAIN MODULES

System consists mainly three main modules:

1. Admin:
2. Account Manager
3. Chef

4.9 FEATURE OF NEW SYSTEM

The PizzaShop System introduces several enhanced features to improve efficiency, accuracy, and user experience. Below are the key features:

1. Role-Based Access Control:

- Separate access for Admin, Account Manager, and Chef to ensure security and proper functionality.
- Admin has full control over the system.
- Account Managers handle order placement and payments.
- Chefs update order status based on preparation.

2. Order Management System:

- Customers place orders via the Account Manager.
- Real-time tracking of order status from Pending → Preparing → Ready → Completed.
- Order history maintained for future reference.

3. Dynamic Menu Management:

- Admin can add, edit, or remove menu items.
- Categories like Pizzas, Sandwiches, Beverages, Desserts, etc.
- Price updates can be done easily.

4. Payment Processing & Billing:

- Supports cash, card, and digital payments.
- Automatic bill generation.
- Secure transaction handling.

5. Kitchen Dashboard for Chefs:

- Chefs get a real-time view of incoming orders.
- Orders sorted based on priority.

- Ability to mark orders as Prepared and notify the Account Manager.

6. Reporting & Analytics:

- Admin can generate sales reports, order summaries, and revenue analysis.
- Daily, weekly, and monthly performance tracking.

7. User-Friendly Interface:

- Simple dashboard-based UI for all roles.
- Mobile and desktop compatibility for smooth operation.

4.10 SELECTION OF HARDWARE AND SOFTWARE

- Hardware
 - Development Machine Requirement (Average performance)
 - 8 GB RAM
 - 50 GB HDD
 - Internet
 - Client Machine Requirement
 - 4 GB RAM
 - 5 GB of HDD space
 - Host Machine Requirement
 - 32 GB RAM
 - 500 GB of HDD space
- Software
 - Development Machine Requirements
 - Visual Studio Code
 - PostgreSQL
 - PgAdmin
 - Browser
 - Client Machine Requirements
 - Browser
 - Host Machine Requirements (Linux)
 - Server

CHAPTER 5

SYSTEM DESIGN

5.1 SYSTEM DESIGN AND METHODOLOGY

5.1.1 Database Design

Table 1 : Users					
Field	Data type	Size	Null	Default	Key
user_id	bigint		not null,		Primary Key
first_name	varchar	30	not null,		
last_name	varchar	30	not null,		
user_name	varchar	30	not null,		
role_id	bigint		not null,		Foreign Key
email	varchar	100	not null,		
password	varchar		not null,		
profile_image_url	varchar		not null,		
country_id	bigint		not null,		Foreign Key
state_id	bigint		not null,		Foreign Key
city_id	bigint		not null,		Foreign Key
address	varchar		not null,		
zipcode	int		not null,		
phone	int		not null,		
is_active	boolean		not null,	TRUE	
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.1 Users

country_id					
Field	Data type	Size	Null	Default	Key
country_id	bigint		not null,		Primary Key
name	varchar	30	not null,		

Fig 5.1.2 Country

Table 3: State					
Field	Data type	Size	Null	Default	Key
state_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
country_id	bigint		not null,		Foreign Key

Fig 5.1.3 State

Table 4: City					
Field	Data type	Size	Null	Default	Key
city_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
state_id	bigint		not null,		Foreign Key

Fig 5.1.4 City

Table 5: Roles					
Field	Data type	Size	Null	Default	Key
role_id	bigint		not null,		Primary Key
name	varchar	30	not null,		

Fig 5.1.5 Roles

Table 6: Permissions					
Field	Data type	Size	Null	Default	Key
permission_id	bigint		not null,		Primary Key
name	varchar	30	not null,		

Fig 5.1.6 Permissions

Table 7: Role_Permissions					
Field	Data type	Size	Null	Default	Key
role_permission_id	bigint		not null,		Primary Key
role_id	bigint		not null,		Foreign Key
permission_id	bigint		not null,		Foreign Key
view	boolean		not null,	FALSE	
add_or_edit	boolean		not null,	FALSE	
delete	boolean		not null,	FALSE	
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.7 Role_Permissions

Table 8: Category					
Field	Data type	Size	Null	Default	Key
category_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
description	varchar		null,		
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.8 Category

Table 9: Items					
Field	Data type	Size	Null	Default	Key
item_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
description	varchar		null,		
category_id	bigint		not null,		Foreign Key
food_type_id	bigint		not null,		Foreign Key
rate	decimal	(5,2)	not null,		
is_default_tax	boolean		not null,		
tax	decimal	(5,2)	not null,	0	
quantity	int		not null,		
unit_id	bigint		not null,		Foreign Key
is_available	boolean		not null,		
short_code	varchar		not null,		
img_url	varchar		not null,		
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.9 Items

Table 10: Favourite_Items					
Field	Data type	Size	Null	Default	Key
favourite_item_id	bigint		not null,		Primary Key
customer_id	bigint		not null,		Foreign Key
item_id	bigint		not null,		Foreign Key
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.10 Favourite_Items

Table 11: Food_Type					
Field	Data type	Size	Null	Default	Key
food_type_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
img_url	varchar		not null,		

Fig 5.1.11 Food_Type

Table 12: Modifier_Groups					
Field	Data type	Size	Null	Default	Key
modifier_group_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
description	varchar		null,		
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.12 Modifier_Groups

Table 13: Modifiers					
Field	Data type	Size	Null	Default	Key
modifier_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
description	varchar		null,		
modifier_group_id	bigint		not null,		Foreign Key
food_type_id	bigint		not null,		Foreign Key
rate	decimal	(5,2)	not null,		
unit_id	bigint		not null,		Foreign Key
quantity	int		not null,		
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.13 Modifiers

Table 14: Sections					
Field	Data type	Size	Null	Default	Key
section_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
description	varchar		null,		
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.14 Sections

Table 15: Tables					
Field	Data type	Size	Null	Default	Key
table_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
section_id	bigint		not null,		Foreign Key
capacity	int		not null,		
status_id	bigint		not null,		Foreign Key
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.15 Tables

Table 16: Table_Status					
Field	Data type	Size	Null	Default	Key
status_id	bigint		not null,		Primary Key
name	varchar	30	not null,		

Fig 5.1.16 Table_Status

Table 17: Taxes					
Field	Data type	Size	Null	Default	Key
tax_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
type	varchar		not null,		
is_enabled	boolean		not null,	FALSE	
is_default	boolean		not null,	FALSE	
tax_value	decimal	(5,2)	not null,		
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.17 Taxes

Table 18: Payment_Methods					
Field	Data type	Size	Null	Default	Key
payment_method_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
is_active	boolean		not null,	TRUE	
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.18 Payment_Methods

Table 19: Orders					
Field	Data type	Size	Null	Default	Key
order_id	bigint		not null,		Primary Key
date	timestamp		not null,		
customer_id	bigint		not null,		Foreign Key
instruction	varchar		null,		
status_id	bigint		not null,		Foreign Key
payment_method_id	bigint		not null,		Foreign Key
total_amount	decimal	(10,2)	not null,		
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.19 Orders

Table 20: Order_Items					
Field	Data type	Size	Null	Default	Key
order_item_id	bigint		not null,		Primary Key
order_id	bigint		not null,		Foreign Key
item_id	bigint		not null,		Foreign Key
quantity	int		not null,		
instruction	varchar		null,		
ready_item_quantity	int		not null,		
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.20 Order_Items

Table 21: Order_Item_Modifiers					
Field	Data type	Size	Null	Default	Key
order_item_modifier_id	bigint		not null,		Primary Key
order_item_id	bigint		not null,		Foreign Key
modifier_id	bigint		not null,		Foreign Key
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.21 Order_Item_Modifiers

Table 22: Order_Status					
Field	Data type	Size	Null	Default	Key
status_id	bigint		not null,		Primary Key
name	varchar	30	not null,		

Fig 5.1.22 Order_Status

Table 23: Customers					
Field	Data type	Size	Null	Default	Key
customer_id	bigint		not null,		Primary Key
name	varchar	30	not null,		
email	varchar		not null,		
phone	int		not null,		
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.23 Customers

Table 24: Customer_Reviews					
Field	Data type	Size	Null	Default	Key
review_id	bigint		not null,		Primary Key
customer_id	bigint		not null,		Foreign Key
order_id	bigint		not null,		Foreign Key
food_rating	int		Null		
service_rating	int		Null		
ambience_rating	int		Null		
avg_rating	int		Null		
review	varchar		null,		
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.24 Customer_Reviews

Table 25: Waiting_Tokens					
Field	Data type	Size	Null	Default	Key
token_id	bigint		not null,		Primary Key
customer_id	bigint		not null,		Foreign Key
section_id	bigint		not null,		Foreign Key
table_id	bigint		null	null	Foreign Key
is_assigned	boolean		not null,	FALSE	
no_of_person	int		not null,	1	
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.25 Waiting_Tokens

Table 26: KOT					
Field	Data type	Size	Null	Default	Key
kot_id	bigint		not null,		Primary Key
order_id	bigint		not null,		Foreign Key
is_ready	boolean		not null,	FALSE	
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.26 KOT

Table 27: Units					
Field	Data type	Size	Null	Default	Key
unit_id	bigint		not null,		Primary Key
name	varchar	30	not null,		

Fig 5.1.27 Units

Table 28: Invoices					
Field	Data type	Size	Null	Default	Key
invoice_id	bigint		not null,		Primary Key
invoice_no	varchar		not null,		
order_id	bigint		not null,		Foreign Key
customer_id	bigint		not null,		Foreign Key
cgst tax	decimal	(10,2)	not null,	0	
sgst tax	decimal	(10,2)	not null,	0	
gst tax	decimal	(10,2)	not null,	0	
other_tax	decimal	(10,2)	not null,	0	
final_amount	decimal	(10,2)	not null,	0	
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key

Fig 5.1.28 Invoices

Table 29: Item_Modifier_Groups					
Field	Data type	Size	Null	Default	Key
item_mgroup_id	bigint		not null,		Primary Key
item_id	bigint		not null,		Foreign Key
modifier_group_id	bigint		not null,		Foreign Key
min_allowed	int		not null,		
max_allowed	int		not null,		
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.29 Item_Modifier_Groups

Table 30: Reset_Password_Token					
Field	Data type	Size	Null	Default	Key
reset_id	bigint		not null,		Primary Key
email	varchar		not null,		
token	varchar		not null,		
is_used	boolean		not null,	FALSE	
expiry	timestamp		not null,	current_timestamp +24 hour	

Fig 5.1.30 Reset_Password_Token

Table 31: Modifiers_By_Modifier_Groups					
Field	Data type	Size	Null	Default	Key
id	bigint		not null,		Primary Key
modifier_group_id	bigint		not null,		Foreign Key
modifier_id	bigint		not null,		Foreign Key
created_at	timestamp		not null,	current_timestamp	
created_by	bigint		not null,		Foreign Key
modified_at	timestamp		null,	Null	
modified_by	bigint		null,		Foreign Key
is_deleted	boolean		not null,	FALSE	

Fig 5.1.31 Modifiers_By_Modifier_Groups

5.1.2 Interface Design

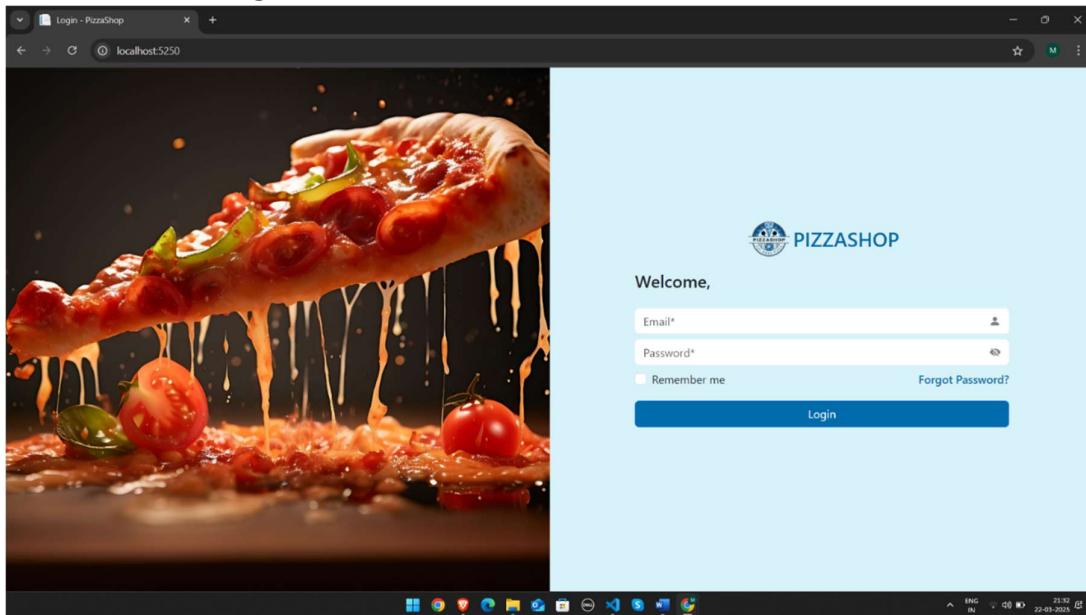


Fig 5.2.1 Login Page

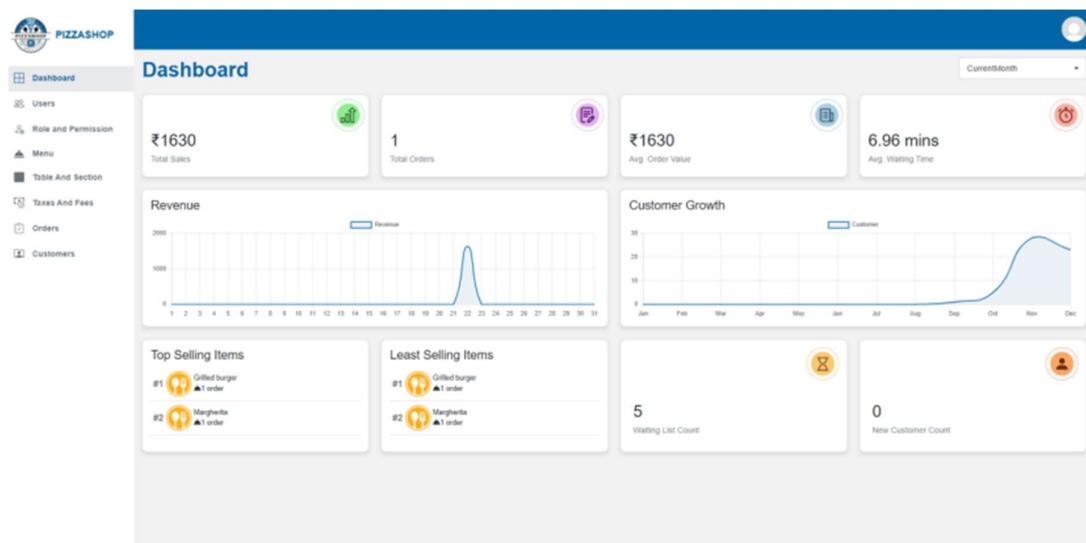


Fig 5.2.2 Dashboard Page

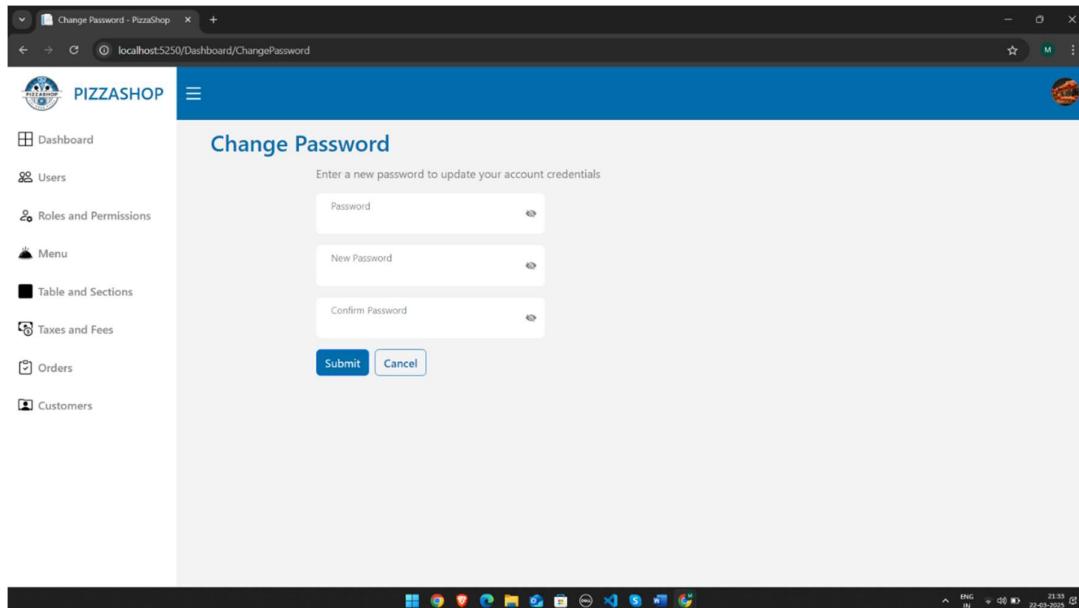


Fig 5.2.3 Change Password Page

Users						
Name ↑ ↓	Email	Phone	Role ↑ ↓	Status	Action	
Mayank Chauhan	admin@gmail.com	9876543211	Admin	Active		
John Doe	merem9925@barodis.com	9874563120	Account Manager	Active		
Tom Cruise	tom@temp.com	1234567891	Account Manager	Active		
Amit Sharma	amit.sharma@example.com	9876543210	Admin	Active		
Sophia Williams	sophia.williams@example.com	9876543210	Admin	Active		

Items Per page: 5 Showing 1 - 5 of 29 < >

Fig 5.2.4 User Page

Add New User

First Name	Last Name	
User Name	Role Select Role	
Email address	Password	
Browse files		
Country Select Country	State Select State	City Select City
Zipcode	Address	Phone

Create User **Cancel**

Fig 5.2.5 Add User Page

Edit User

First Name John	Last Name Doe	
User Name John@RV	Role Account Manager	
Email address merem99252@barodis.com	Status Active	
Browse files		
Country India	State Gujrat	City Ahmedabad
Zipcode 380054	Address Ahmedabad	Phone 9874563120

Update User **Cancel**

Fig 5.2.6 Edit User Page

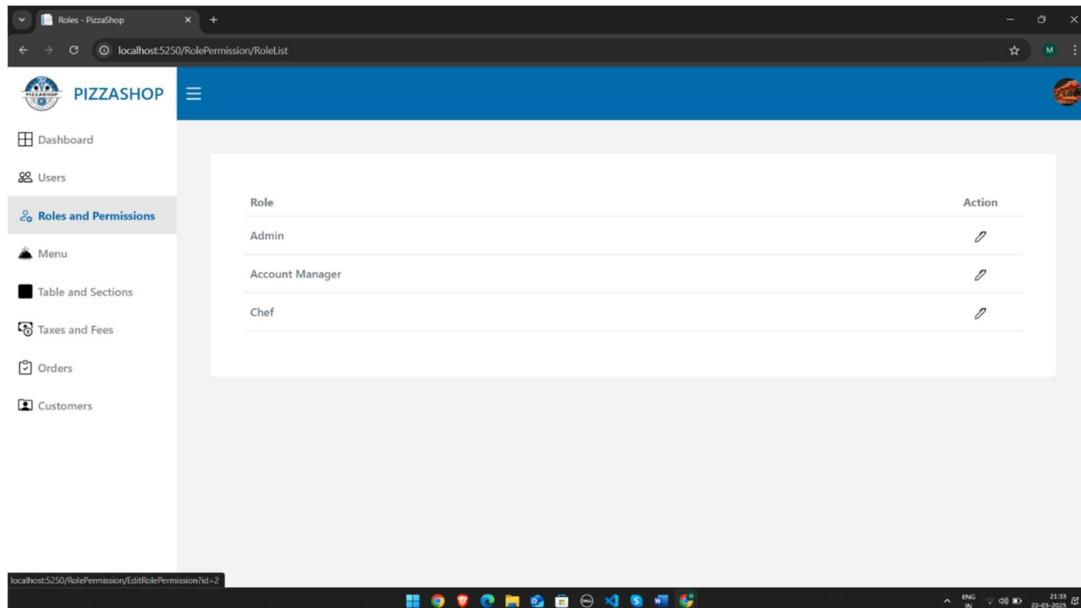


Fig 5.2.7 Role List Page

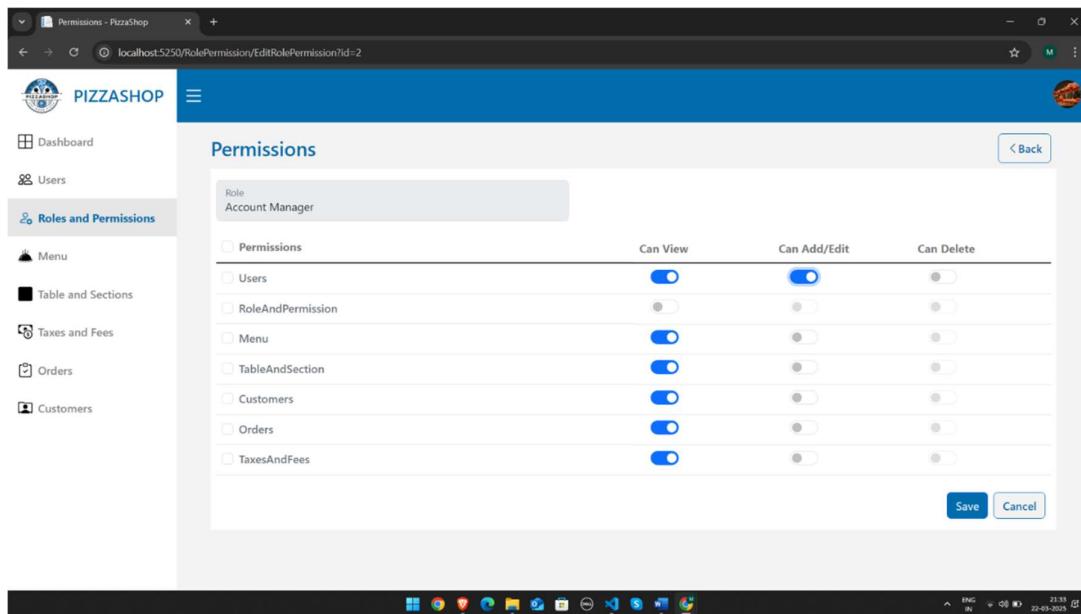


Fig 5.2.8 Permission Page

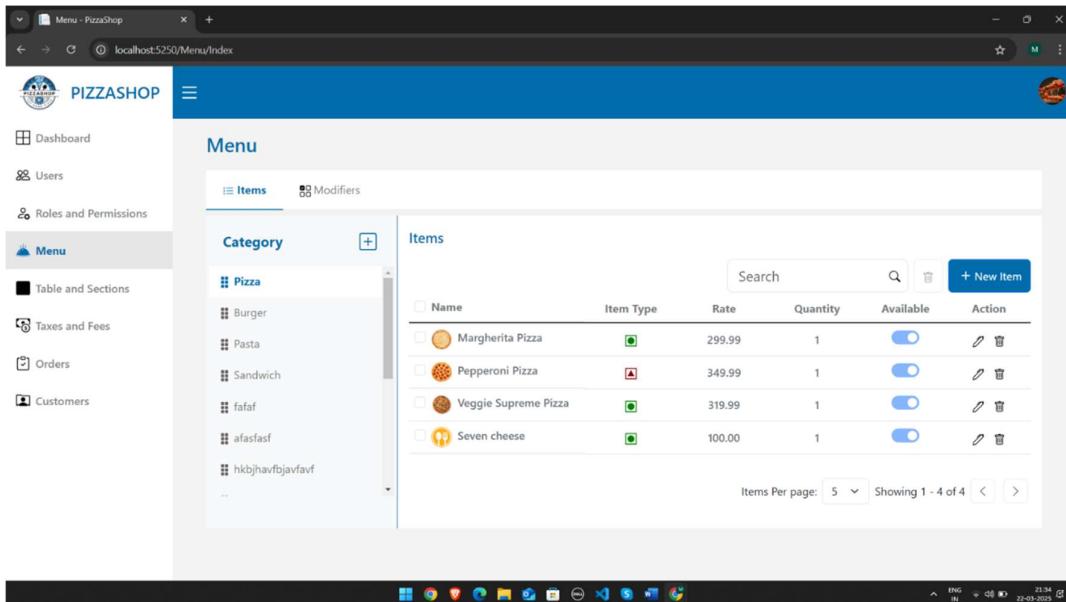


Fig 5.2.9 Menu Page (Item Tab)

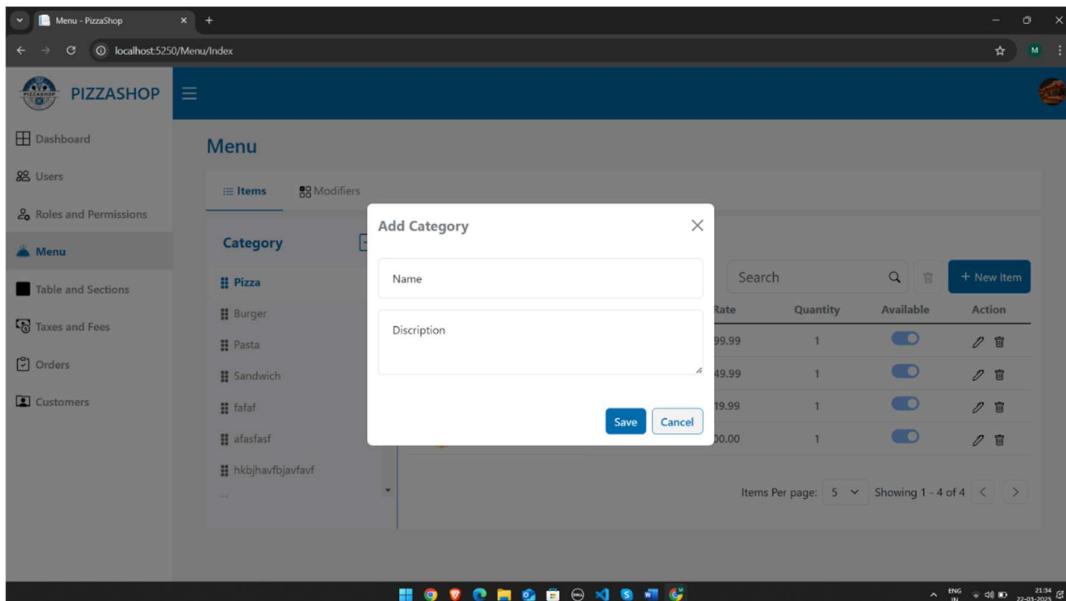


Fig 5.2.10 Add Category Modal

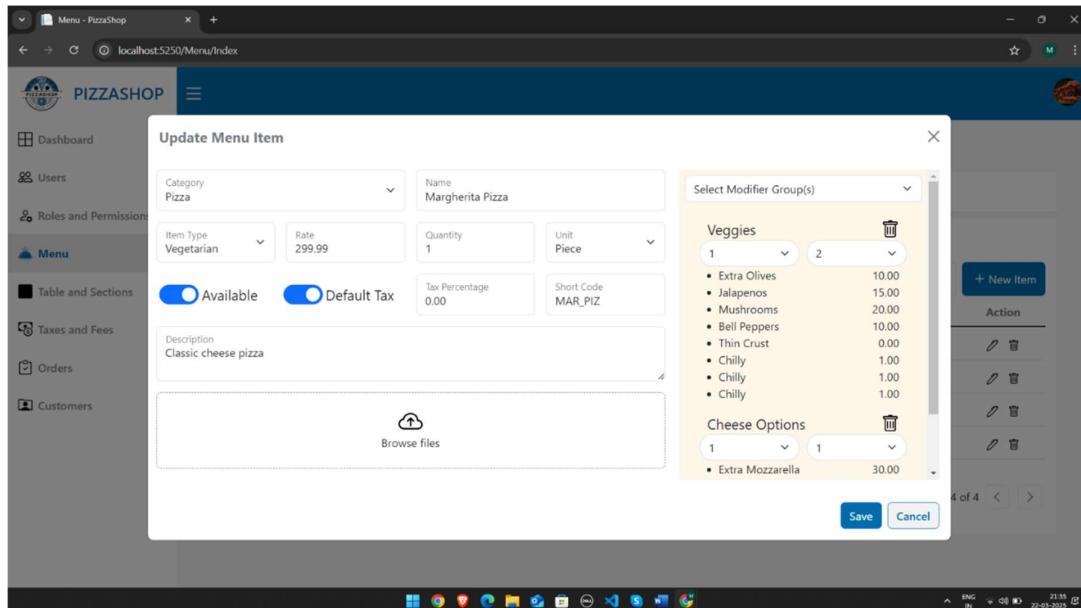


Fig 5.2.11 Update Item Modal

Name	Unit	Rate	Quantity	Action
Extra Olives	Piece	10.00	1	
Jalapenos	Piece	15.00	1	
Mushrooms	Piece	20.00	1	
Bell Peppers	Piece	10.00	1	
Thin Crust	Piece	0.00	1	

Fig 5.2.12 Menu Page (Modifier Tab)

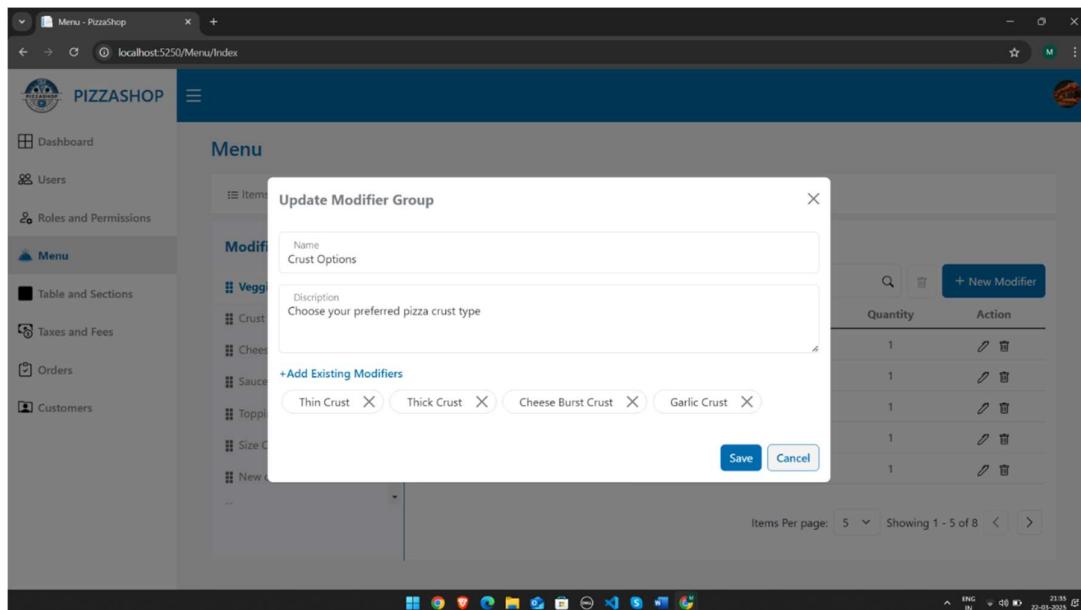


Fig 5.2.13 Update Modifier Group Modal

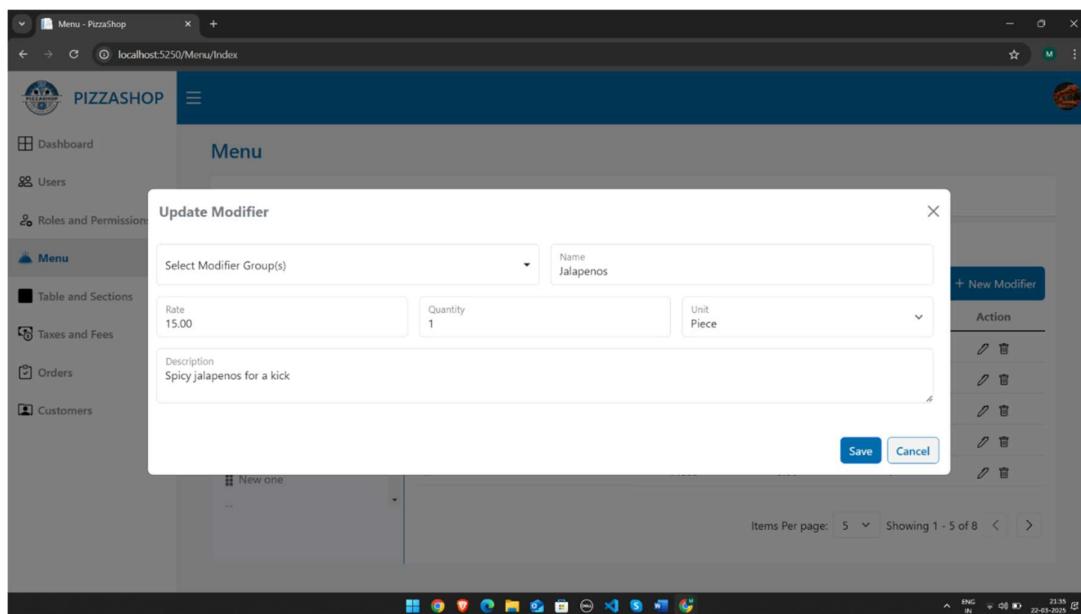


Fig 5.2.14 Update Modifier Modal

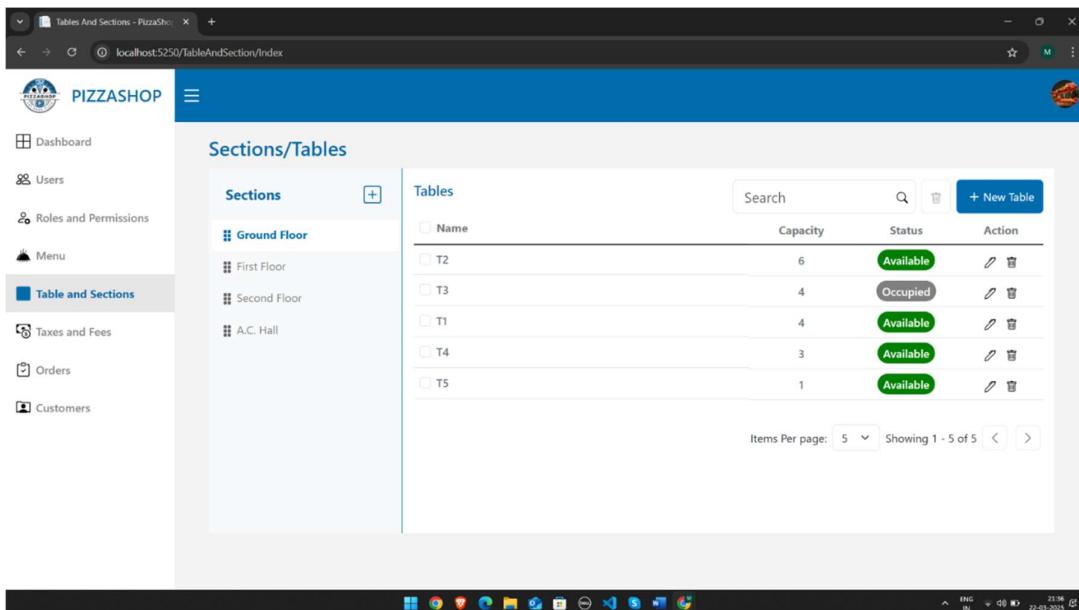


Fig 5.2.15 Tables And Section Page

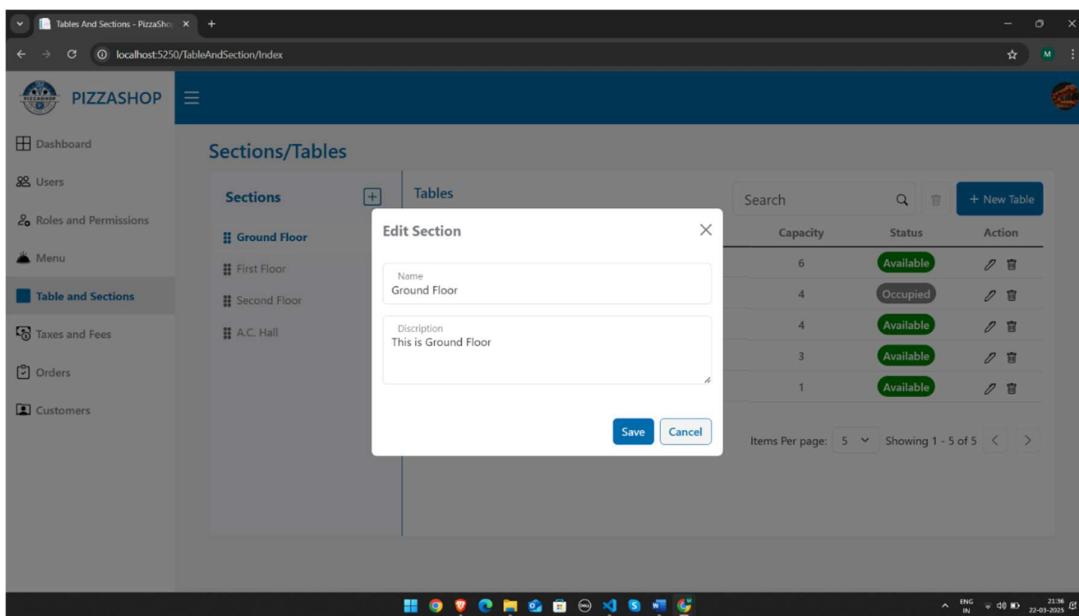


Fig 5.2.16 Edit Section Modal

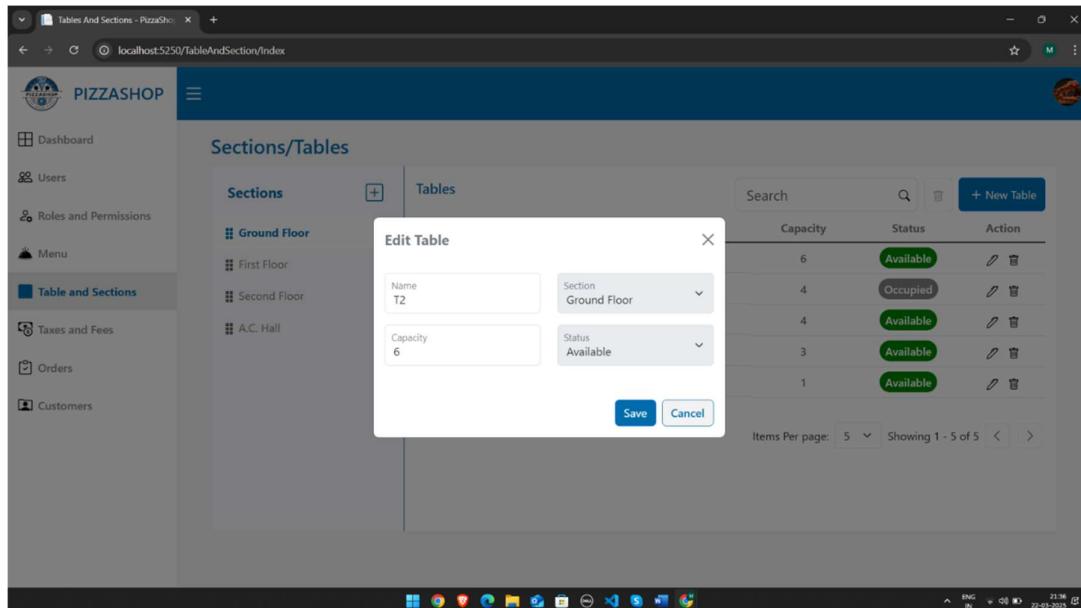


Fig 5.2.17 Edit Table Modal

Name	Type	IsEnabled	Default	taxList Value	Action
GST	Percentage			2.00	
CGST	Percentage			12.00	
SGST	Flat Amount			150.00	
Other	Percentage			5.00	
New Tax	Percentage			0.00	

Fig 5.2.18 Taxes And Fees Page

The screenshot shows the 'Orders' page of the PizzaShop application. The left sidebar includes links for Dashboard, Users, Roles and Permissions, Menu, Tables and Sections, Taxes and Fees, Orders (which is selected), and Customers. The main area has a search bar and filters for 'All Status' and 'All Time'. A table lists five orders:

#Order	Date	Customer	Status	Payment Mode	Rating	Total Amount	Action
#1	25-03-2025	Mayank	Pending	Pending	★★★☆☆	₹1094.96	
#2	25-03-2025	Mahesh	In Progress	Online	★★★★☆	₹714.97	
#3	25-02-2025	Manisha	Served	Card	★★★☆☆	₹379.98	
#4	25-03-2025	Mahesh	On Hold	Online	★★☆☆☆	₹250.00	
#5	25-03-2025	Mayank	Completed	Cash	★★★☆☆	₹150.00	

Items Per page: 5 Showing 1 - 5 of 5

Fig 5.2.19 Orders Page

The screenshot shows the 'Order-Details' page for an order with Invoice Number: #D8001. The left sidebar includes links for Dashboard, Users, Roles and Permissions, Menu, Tables and Sections, Taxes and Fees, Orders (selected), and Customers.

Order Summary: Pending
Invoice Number: #D8001
Paid on: 25-03-2025 12:02 Placed on: 25-03-2025 09:02 Modified on: 25-03-2025 10:02 Order Duration :

Customer Details:
Name: Mayank
Phone: 9874563210
No of Person: 1
Email: admin@gmail.com

Table Details:
Table T1
Section: First Floor

Order Items:

Sl.No	Item	Quantity	Price	Total Amount
1	Cheese Burger + Vegan Cheese	2	₹199.99 ₹60.00	₹259.98
2	Margarita Pizza + Jalapenos + Thick Crust	2	₹250.00 ₹15.00 ₹10.00	₹275.00

Subtotal: ₹1094.96
GST: ₹21.90
CGST: ₹31.40
Other: ₹54.75
Total: ₹1303.00

Fig 5.2.20 Order Details Page

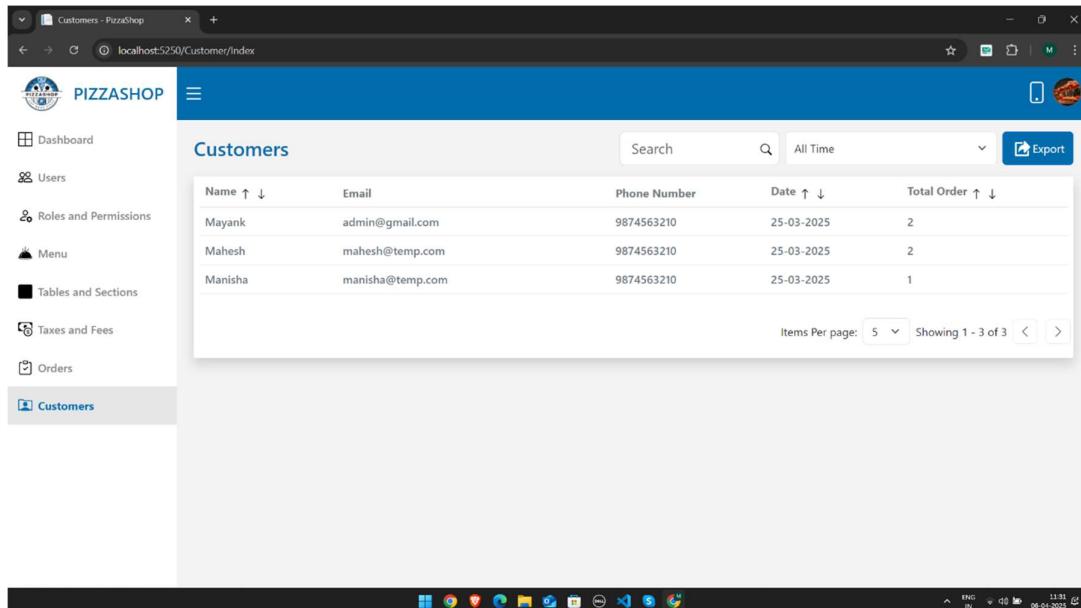


Fig 5.2.21 Customers Page

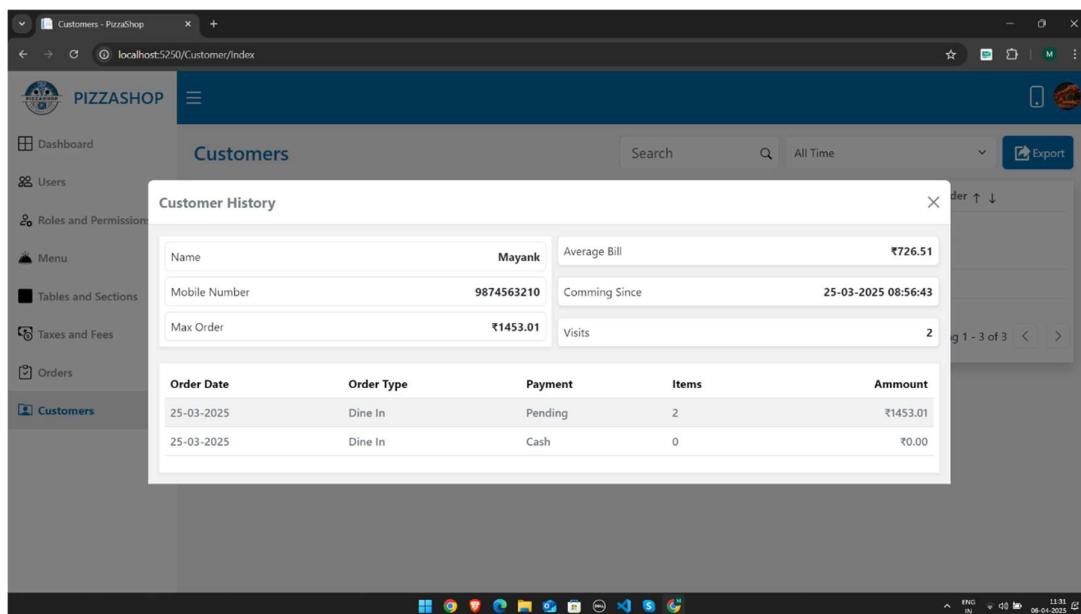


Fig 5.2.22 Customer Details Modal

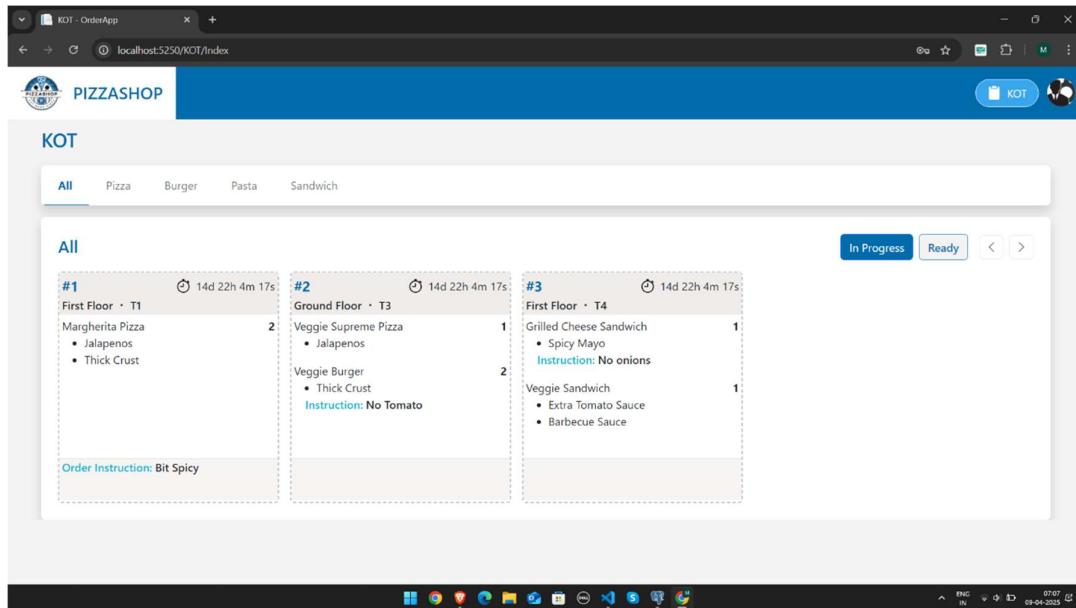


Fig 5.2.23 KOT Page

CHAPTER 6

IMPLEMENTATION

6.1 IMPLEMENTATION PLATFORM

- Visual Studio Code

Visual Studio Code is a comprehensive integrated development environment (IDE) developed by Microsoft. It offers advanced features for code editing, debugging, project management, version control integration, testing, and performance profiling. Visual Studio is available in different editions, including Community, Professional, and Enterprise, catering to various developer needs. It supports development for multiple platforms and seamlessly integrates with other Microsoft development tools and services, facilitating end-to-end application development and deployment workflows.

- Meet IntelliSense.

Go beyond syntax highlighting and auto complete with IntelliSense, which provides smart completions based on variable types, function definitions, and imported modules.

- Print statement debugging is a thing of the past

Debug code right from the editor. Launch or attach to your running apps and debug with break points, call stacks, and an interactive console.

- Git commands built-in

Working with Git and other SCM providers has never been easier. Review different, stage files, and make commits right from the editor. Push and pull from any hosted SCM service.

- Deploy with confidence and ease

With Microsoft Azure you can deploy and host your React, Angular, Node, Python (and more!) sites, store and query relational and document based data, and scale with server less computing, all with ease, all from within VS.

CHAPTER 7

TESTING

7.1 TESTING PLAN

A test plan is the cornerstone of a successful testing implementation. The testing plan represents the overall approach to the test. In many ways, the test plan serves as a summary of the test activities that will be performed. It shows how the tests will be organized, and outlines all of the tester's needs that must be met in order to properly carry out the test.

The goal of test planning is to establish the list of tasks that, if performed, will identify all of the requirements that have not been met in the software. There are many standards that can be used for developing test plans. Early in the deployment planning phase, the testing effort, and identifies the methodology that your team will use to conduct tests. It also identifies the hardware, software, and tools required for testing and the features and functions that will be tested. A well-rounded test plan notes any risk factors that jeopardize testing and includes a testing schedule. So, I can say that Test Planning details the activities, dependencies and effort required to conducting the system test.

7.2 TESTING STRATEGY

The test strategy is a formal description of how a software product will be tested. A test strategy is developed for all levels of testing, as required. The test team analyzes the requirements, writes the test strategy and reviews the plan with the project team. The test plan may include test cases, conditions, and the test environment, a list of related tasks, pass/fail criteria and risk assessment.

The purpose of the testing strategy is to define the overall context for the entire testing process. The process is different depending on the specific characteristics of your solution. In many respects, this is the most important part of the testing process, since all future testing decisions will be made within the context of the strategy. As a programmer, we have to just do a unit testing which is a part of White Box testing. Other type of the testing in each phase of the software is done by testing department. Unit testing begins at the vortex of the spiral and concentrates on each unit (i.e. component) of the software as implemented in source code.

7.3 TESTING METHODS

7.3.1 Unit Testing

Unit testing involves the testing of each unit or an individual component of the software application. It is the first level of functional testing. The aim behind unit testing is to validate unit components with its performance.

A unit is a single testable part of a software system and tested during the development phase of the application software.

The purpose of unit testing is to test the correctness of isolated code. A unit component is an individual function or code of the application. White box testing approach used for unit testing and usually done by the developers.

Whenever the application is ready and given to the Test engineer, he/she will start checking every component of the module or module of the application independently or one by one, and this process is known as Unit testing or components testing.

7.4 TESTING CASE

Testing: - Software testing is a critical element of software quality assurance and represents the ultimate review or specification, design and code generation.

Table 7.4.1 Test Cases – Registration

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Click Login Button	Blank Fields	Give the message of mandatory field	Give Validation message to enter mandatory field	PASS
2	All Data would be entered	Enter All Data Email: admin@gmail.com Password: admin@123	Give the message of Register Successfully	Register Successfully	PASS

CHAPTER 8

CONCLUSION AND DISCUSSION

8.1 OVERALL ANALYSIS OF INTERNSHIP

1. Since the very first day of internship, I learned a lot of new things from the respected industry guides and fellow interns.
2. First of all, started from basics of C#.
3. Then learned Scrum methodology.
4. Overview of MVC – Entity Frame Work is given.
5. SQL is covered.
6. HTML and CSS overview is also given.
7. Project work is assigned.
8. Project work is completed and report is prepared.

8.2 PROBLEM ENCOUNTERED AND POSSIBLE SOLUTIONS

Problem Encountered:

- The website interface might not be intuitive or user-friendly.
- Users may require separate installations for body measurement functionalities.

Possible Solutions:

- Revamp the website interface to prioritize user-friendliness and responsiveness.
- Integrate body measurement features seamlessly within the platform, eliminating the need for separate installations.

8.3 SUMMARY OF INTERNSHIP

Table 8.3.1 Summary of Internship/Project

Project Title	PizzaShop	
Aim	The PizzaShop System is designed to streamline and automate restaurant management processes, including order management, menu customization, role-based access control, and payment processing . It ensures smooth coordination between Admins, Account Managers, and Chefs , each with a dedicated interface tailored to their responsibilities.	
Developed At	Tatvasoft	
Project Category	Web site	
Tools	IDE	Visual Studio Code
	Languages /Frameworks	PostgreSQL, Bootstrap, CSHTML, CSS, JS,C#,ASP DOTNET
	Database	PostgreSQL
Duration	3 Months (January 2024 to April 2024)	

8.4 LIMITATIONS

1. No Direct Customer Ordering
2. Limited Payment Options
3. No Table Reservation Feature
4. Basic Reporting & Analytics

8.5 FUTURE ENHANCEMENT

1. Customer Online Ordering
2. Integration with Advanced Payment Gateways
3. Table Reservation System
4. AI-Based Sales & Customer Insights
5. Inventory Management Module

REFERENCE

Websites

1. <https://online.visual-paradigm.com>
2. <https://learn.microsoft.com/en-us/aspnet/mvc/>
3. <https://getbootstrap.com/docs/5.0/getting-started/introduction/>
4. <https://stackoverflow.com/>
5. <https://www.w3schools.com/>
6. <https://www.c-sharpcorner.com/>
7. <https://dotnettutorials.net/>



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Annexure 1

Enrollment no:

21013011G005

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank Rujendrakumar Chambhani

DIARY OF THE WEEK: Dt: 20-01-2025 TO 24-01-2025

DEPARTMENT: Information Technology SEM: 8th

NAME OF THE ORGANISATION: Tatvsoft

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Sweety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

20-01-2025: - Checked through Tatvsoft Website and Project SRS. Explored coding standards and analyzed SRS for PizzaShop Project.

21-01-2025: - Attended the session of Git and Github. Performed the commands for same.

22-01-2025: - Learned basic fundamental of HTML, CSS and JavaScript. Completed Assignment 1: Develop Login Page.

23-01-2025: - Completed Assignment 2: completed Dashboard and Inner Page.

24-01-2025: - Implemented Responsive Design for the dashboard and login Page. (Used media queries and Bootstrap.)



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TOTAL HOURS: 45

SIGNATURE OF STUDENT

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EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE / POOR

Signature of Faculty Mentor

Signature of officer-in-charge
of Dept. / Section / Plant

Date: 24-01-2025

Date: 24-01-2025

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Annexure 1

Enrollment no:

210180116005

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank Rajendra Kumar Chembur

DIARY OF THE WEEK: Dt: 27-01-2025 TO 31-01-2025

DEPARTMENT: Information Technology SEM: 8th

NAME OF THE ORGANISATION: TatvaSoft

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Sweety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

27-01-2025: - Completed Assignment - 4: Completed all pages with full responsiveness.

28-01-2025: - Understand and designed the Restaurant Management System platform Login Page and Forget Password Page.

29-01-2025: - Developed static Pages for Project - Userlist , Add new user , Edit user.

30-01-2025: - Designed Menu and add category Pages with responsive layout .

31-01-2025: - Learned Basic overview of SQL and executed fundamental SQL commands.
Completed SQL Assignment - I.



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TOTAL HOURS: 45


SIGNATURE OF STUDENT

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Signature of Faculty Mentor




Signature of officer-in-charge
of Dept. / Section / Plant

Date: 31-01-2025

Date: 31-01-2025

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Annexure 1

Enrollment no:

210130116005

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank Rajeshkumar chavhan

DIARY OF THE WEEK: Dt: 03-02-2025 TO 07-02-2025

DEPARTMENT: Information Technology SEM: 8th

NAME OF THE ORGANISATION: TutuSoft

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Sweety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

03-02-25: - Attended Session on Advance SQL.
Completed SQL Assignment -2.

04-02-25: - Completed SQL Assignment 3 and 4.

05-02-25: - Explored PostgreSQL Basics and executed basic queries.

06-02-25: - Practiced Advanced PostgreSQL concepts.
Watched videos and completed coding exercises.

07-02-25: - Created and submitted Schema for PizzaShop Project.



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TOTAL HOURS: 45


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Date: 07-02-2025

Date: 07-02-2025

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Annexure 1

Enrollment no:
210130116005

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank Rajendrakumar chauhan

DIARY OF THE WEEK: Dt: 10-02-2025 **TO** 14-02-2025

DEPARTMENT: Information Technology **SEM:** 8th

NAME OF THE ORGANISATION: Wipro Technologies

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Sweety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

10-02-2025: - Set up .NET Project in VS code and organized folder structure.

11-02-2025: - Studied MVC architecture and integrated PostgreSQL database.

12-02-2025: - Implemented AJAX calls and enhanced UI interactivity using jQuery. Built .NET folder structure with database first approach.

13-02-2025: - Developed Login Page with Remember Me functionality.

14-02-2025: - Implemented forgot password email retrieval feature. Fetch email Id of user who clicked "Forgot Password".



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Date: 14-02-2025

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Annexure 1

Enrollment no:

210130116005

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank Rajeendra Kumar Chauhan

DIARY OF THE WEEK: Dt: 17-02-2025 TO 21-02-2025

DEPARTMENT: Information Technology SEM: 8th

NAME OF THE ORGANISATION: TatvaSoft

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Sweety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

17-02-2025: - Implemented Reset Password functionality.
Created FE and BE.

18-02-2025: - Learned about Authentication and Authorization.
Implemented Jwt based Authorization.

19-02-2025: - Created My Profile Page
Implemented update Profile functionality

20-02-2025: - Implemented Change Password functionality.
Added Bootstrap Model for Logout confirmation.

21-02-2025: - Created User List view.
Implemented pagination and search functionality.
(Server side).



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TOTAL HOURS: 45


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Date: 21-02-2025

Date: 21-02-2025

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Annexure 1

Enrollment no:

210130176005

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank Raghavkumar Chauhan

DIARY OF THE WEEK: Dt: 24-02-2025 TO 28-02-2025

DEPARTMENT: Information Technology SEM: 8th

NAME OF THE ORGANISATION: TatvaSoft

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Surety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

24-02-2025: - Session on Entity ~~pattern~~ framework with Repository pattern.
- Add User functionality.

25-02-2025: - Send Email to new User about their login credentials.

26-02-2025: - Show Role list view
- Edit Permission UI design.

27-02-2025: - Edit Role - Permission BE

28-02-2025: - Doubt session on N-Tier Architecture
- static UI of item and modifier tab.



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TOTAL HOURS: - 45 -


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Date: 28-02-2025

Date: 28-02-2025

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Annexure 1

Enrollment no:

210130116005

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank Rajendrakumar Chankun

DIARY OF THE WEEK: Dt: 03-03-2025 TO 07-03-2025

DEPARTMENT: Information Technology SEM: 8th

NAME OF THE ORGANISATION: TatvaSoft

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Sweety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

03-03-2025: - Category CRUD operations.
- Category list view.

04-03-2025: - Dynamic item list view.
- Search and filter for items.

05-03-2025: - Model functionality for New Item.

06-03-2025: - Edit and delete item.
- Pagination for items.

07-03-2025: - Dynamic Modifiers list view.
- Search and filter for modifiers.



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Date: 07-03-2025

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Annexure 1

Enrollment no:

210130116005

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank Rajendra Kumar Chubhun

DIARY OF THE WEEK: Dt: 10-03-2025 TO 11-03-2025

DEPARTMENT: Information Technology SEM: 8th

NAME OF THE ORGANISATION: Techsofts

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Sweety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

10-03-2025: - Added New Modifier functionality.

11-03-2025: - Edit, Delete and mass delete modifier functionality

12-03-2025: - Created static UI of Table / section module.

13-03-2025: - Implemented CRUD functionality for section.

- Added cascade delete for section.



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TOTAL HOURS: 45



SIGNATURE OF STUDENT

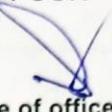
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Annexure 1

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STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank Rajendra Kumar Chuhuen

DIARY OF THE WEEK: Dt: 17-03-2025 TO 21-03-2025

DEPARTMENT: Information Technology SEM: 8th

NAME OF THE ORGANISATION: TatvaSoft

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Sweety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

17-03-2025: - Created Table list view.
- Added search and filter functionality

18-03-2025: - Added Model for Add Table functionality.

19-03-2025: - Implemented edit and delete popup with validation.
- Added Mass Delete functionality

20-03-2025: - Created Taxes / Fees list view
- Added Pagination and search functionality

21-03-2025: - Created form model to add new Tax.



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TOTAL HOURS: 45


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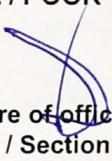
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Annexure 1

Enrollment no:

2101201716005

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank Rajendraumar Chauhan

DIARY OF THE WEEK: Dt: 26-03-2025 TO 28-03-2025

DEPARTMENT: Information Technology **SEM:** 8th

NAME OF THE ORGANISATION: Tatviroott

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Sweety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

24-03-2025: - Added Edit tax Popup with validation.
- Implemented delete tax functionality.

25-03-2025: - created order list view.
- Implemented search functionality for customer name
and order Id.

26-03-2025: - Added filter for order status , and delete range.
- created pagination controls for order list.

27-03-2025: - Implemented Export button functionality to export order
data to excel sheet.

28-03-2025: - Implemented View Icon for viewing the order details.



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(ગુજરાત અધિનિયમ ક્રમાંક: ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

TOTAL HOURS: - - - - - 45


SIGNATURE OF STUDENT

- ★ The above entries are correct and the grading of work done by Trainee is
EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE / POOR

Signature of Faculty Mentor



Signature of officer-in-charge
of Dept. / Section / Plant

Date: 28-03-2025

Date: 28-03-2025

- ★ Grading of Work, for trainee may be given depending upon your judgement about
his Punctuality, Regularity, Sincerity, Interest taken, Work done etc.



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Annexure 1

Enrollment no:

ZJOT30116005

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank Rajendra Kumar Chuhun

DIARY OF THE WEEK: Dt: 31-03-2025 TO 04-04-2025

DEPARTMENT: Information Technology SEM: 8th

NAME OF THE ORGANISATION: TatvaSoft

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Gweety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

31-03-2025: - Implemented download invoice functionality.
- created UI for invoice.

01-04-2025: - Implemented functionality to download invoice as
pdf.

02-04-2025: - created customer list view.
- Implemented search functionality for customers by
customer name.

03-04-2025: - Added ~~filter~~ filter for date range.
- clicking particular customer shows all past orders.

04-04-2025: - Implemented export functionality to export customer detail
to excel sheet.
- Added Pagination controls for customer list.



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TOTAL HOURS: 45


SIGNATURE OF STUDENT

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EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE / POOR

Signature of Faculty Mentor



Date: 06-04-2025

Signature of officer-in-charge
of Dept. / Section / Plant


Date: 06-04-2025

- ★ Grading of Work, for trainee may be given depending upon your judgement about
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Annexure 1

Enrollment no:

210130116005

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Mayank RajendraKumar Chauhan

DIARY OF THE WEEK: Dt: 07-04-2025 TO 11-04-2025

DEPARTMENT: Information Technology SEM: 8th

NAME OF THE ORGANISATION: TatvaSoft

NAME OF THE PLANT/SECTION/DEPARTMENT: .NET

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Sweety Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

07-04-2025: - Navigating to order app from account manager portal.
- Design KOT Navbar Layout page.

08-04-2025: - Navbar menu based on Role.
- Implemented comprehensive user profile page for KOT
- Added layout functionality.

09-04-2025: - Static UI design of KOT module.

10-04-2025: - Dynamic category list as tab in KOT.
- Created card list view to display KOT order detail list.

11-04-2025: - Implemented filtering capabilities:
- filter by category.
- filter by order item status.



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TOTAL HOURS: - - - - - 45



SIGNATURE OF STUDENT

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Signature of Faculty Mentor



Signature of officer-in-charge
of Dept. / Section / Plant

Date: 11-04-2025

Date: 11-04-2025

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Annexure 2

Feedback Form by Industry expert

Student Name: *Mayank Rajendra Kumar Chauhan*

Date: *11-04-2025*

Work Supervisor: *Sweety Patel*

Title: *TL- Training & Development*

Company/Organization: *TatvaSoft*

Enrollment No: *E10180116005*

Internship Address: *TatvaSoft House, Rajpath Club Road, Ahmedabad*

Dates of Internship: From *20th Jan, 2025* to *11th April, 2025*

Please evaluate your intern by indicating the frequency with which you observed the following behaviors:

Parameters	Needs improvement	Satisfactory	Good	Excellent
Shows interest in work and his/her initiatives			✓	
Produces high quality work and accepts responsibility			✓	
Uses technical knowledge and expertise			✓	
Analyzes problems effectively				✓
Communicates well and writes effectively				✓

Overall performance of student intern: (Needs improvement/ Satisfactory/Good/Excellent):

Additional comments, if any:

Signature of Industry person with name and Stamp:

Signature of the Faculty Mentor