PROJECT REPORT ON

Tasty Eats

Submitted by

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CONTENTS

INTRODUCTION

ABSTRACT

This ecommerce website aims to make food delivery easy and free. One of its unique features is that it delivers the product exactly when the needy need it, no matter what time it is.

This website has two main modules, user and admin. It includes features that allow users to view and update their profile, add items they like to their cart, and view individual items.

The frontend of this web application is built using versatile and dynamic ReactJs library, while the backend will leverage the robust capabilities of the NodeJs runtime along with the Express.js framework. MongoDB, a NoSQL database, will be employed to store and manage data efficiently, providing scalability and flexibility for the e-commerce platform.

Through the implementation of a MERN stack, the project seeks to deliver a responsive and feature-rich e-commerce solution. Users will experience a user-friendly interface for seamless navigation, product exploration, and secure transaction processing. Administrators, on the other hand, will have access to tools for effective product management, order tracking, and user account management.

In summary, Mern based this project is user friendly so there will be less difficulties for the users. This efficient platform will only give good experience to the users.

MODULES

The complete project is divided into two modules. And the modularization is based on the users and products. The different modules based on the system are:

USER

ADMIN

ADMIN

Login

Dashboard

Admin Profile View

User Details

Add Items

Manage Items

View Order Details

User

Register

Login

User Profile

Add to Cart

View Items

Order

REQUIREMENT MODELING DATA FLOW DIAGRAM

Data Flow Diagram (DFD) is used to define the flow of the system and its resources such as information. Data flow diagrams are the way of expressing system requirements in a graphical manner. DFD represents one of the most ingenious tools used for structured analysis. A DFD is also known as a bubble chart. It has the purpose of clarifying system requirements identifying major transformations that will become programs in system design. In the normal convention, logical DFD can completed using only $ notations.

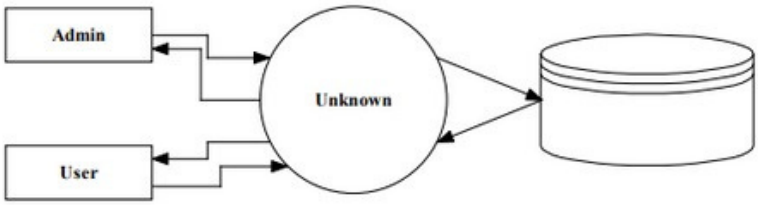
Represents source/destination data.

Represents data flow.

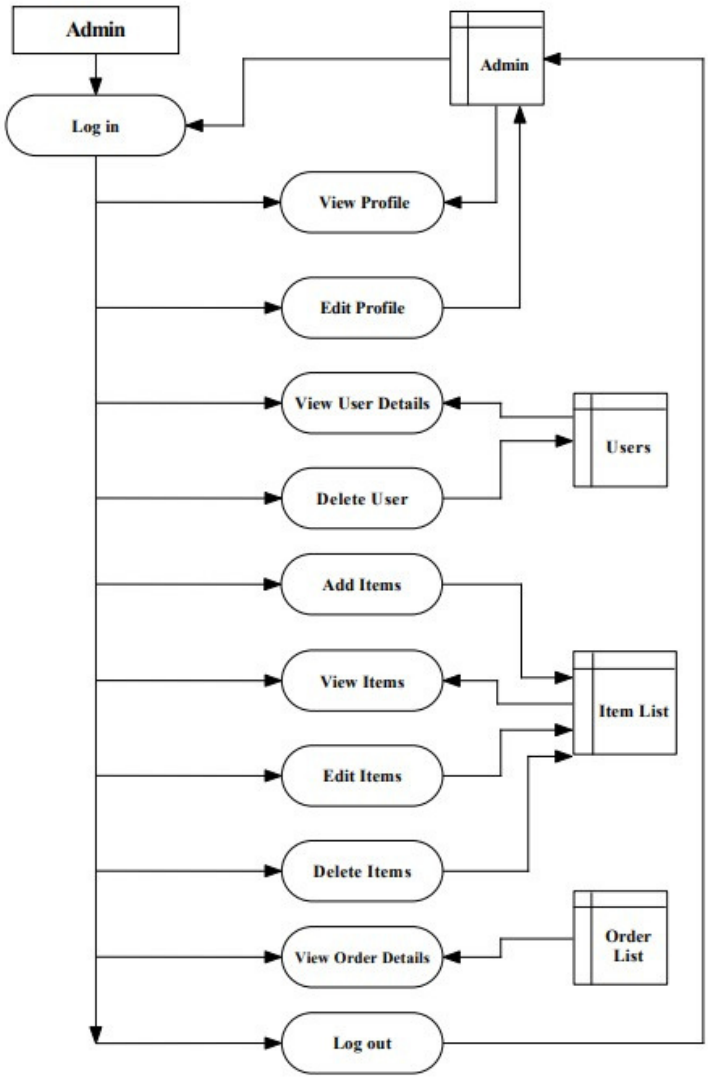
Represents a process that transforms incoming data into outgoing flow.

Represents data storage/internal storage.

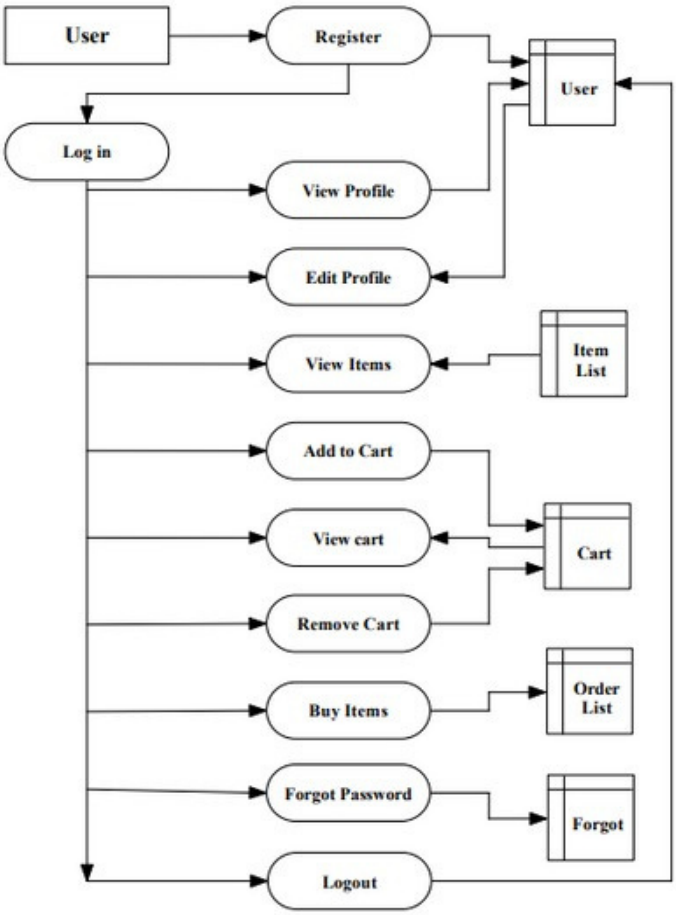
LEVEL 0 DFD



LEVEL 1 DFD - ADMIN



LEVEL 1 DFD - USER



FUNCTIONS

The system after careful analysis has been identified to be presented with the following modules:

Admin

Login – Admin can login to the application by entering username and password. **Dashboard–**Admin can view the total stat of the website.

Admin Profile– Admin can upload their profile details.

View User Details – Admin can view registered user details**.**

Add Items – Admin can add items.

Manage Items – Admin can update and delete items.

View Order Details – Admin can view the details of the item ordered by the user and the details of the person who made the order.

User

Login - User can login to the application by entering username and password. **User Profile -** User can upload their profile details.

Add To Cart - User can add items to cart.

View Items - User can view individual items.

Order - User can view all their progress and updates.

Remove from cart - User can remove items from cart.

DATABASE DESIGN

A database is a collection of records. The main objective of database design is to provide effective auxiliary storage without any applications and to contribute to the overall efficiency of the computer program. components of the whole system. The organization of data in the database aims to achieve the following objectives.

Controlled redundancy

Ease of learning in use

Data independence

More information in low cost

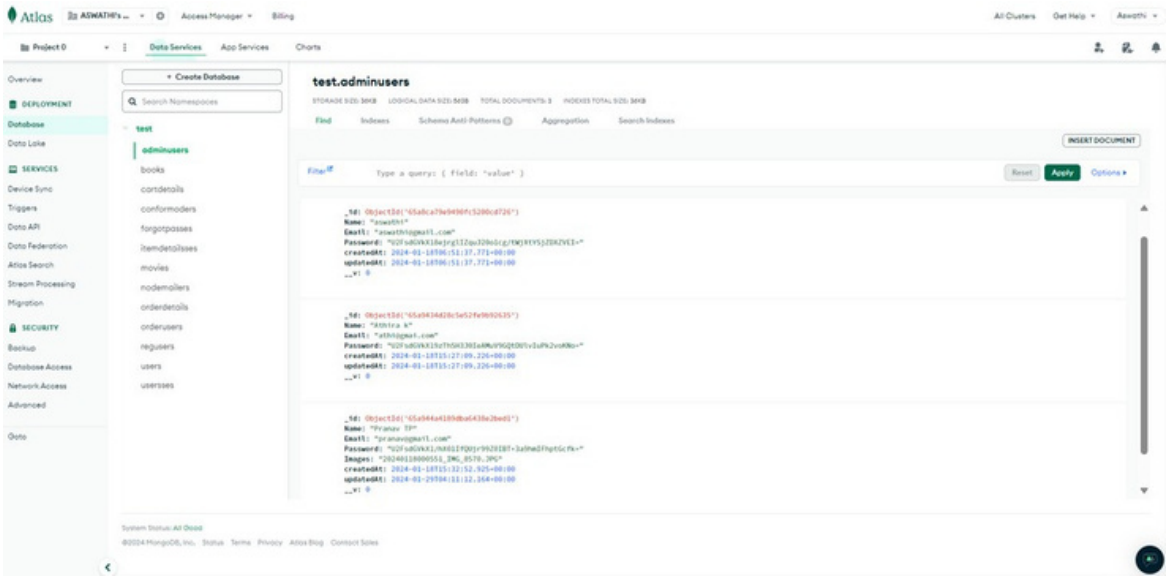
Accuracy and integrity

Recovery from failures

Privacy and security

Performance

The design should be done in a way the information stored in the database can be retrieved quickly whenever necessary. The general theme behind a database is to handle information as an interfered whole. A database is a collection of interrelated data stored with minimum redundancy to serve users quickly and efficiently. Database design runs parallel without application design. As we collect information about what is to be done, we will obviously collect information about data needed to enter, stored messages and printed reports. The designing of the database is done with utmost care and security during the designing phase of the system. Special care was taken to develop a minimum number of databases for the maximum efficiency of the system.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Project 0
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App Services
Charts
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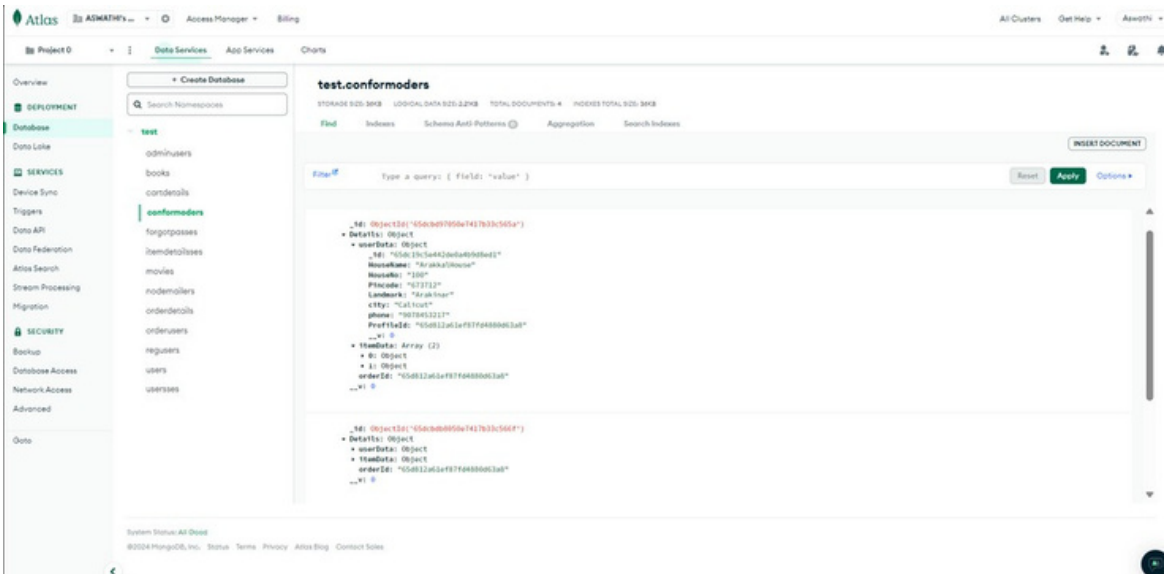
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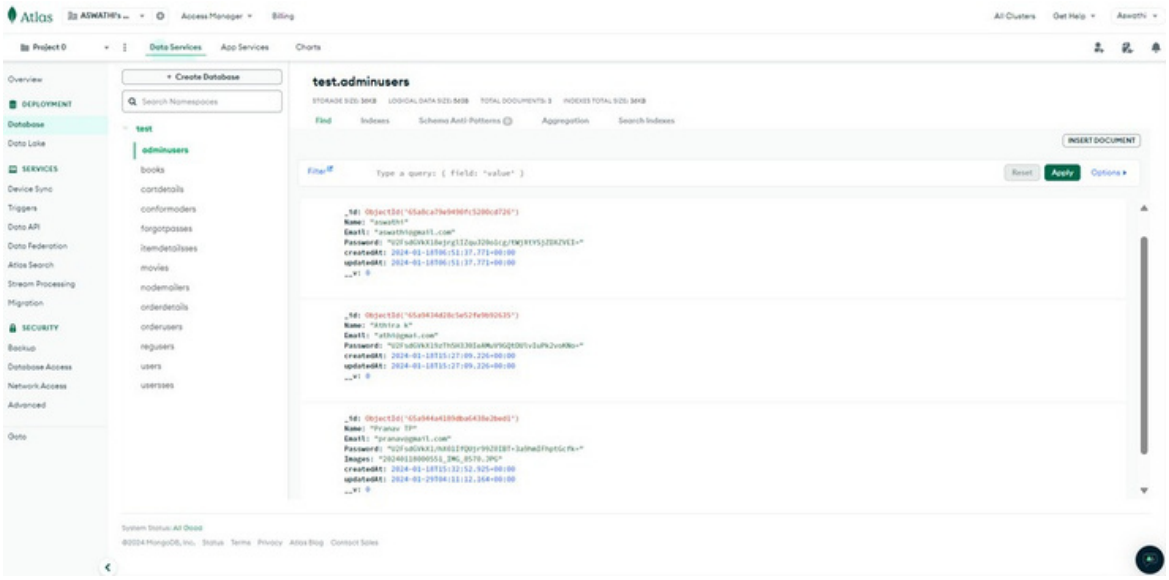
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nodemailers
orderdetails
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INSERT DOCUMENT
Apply

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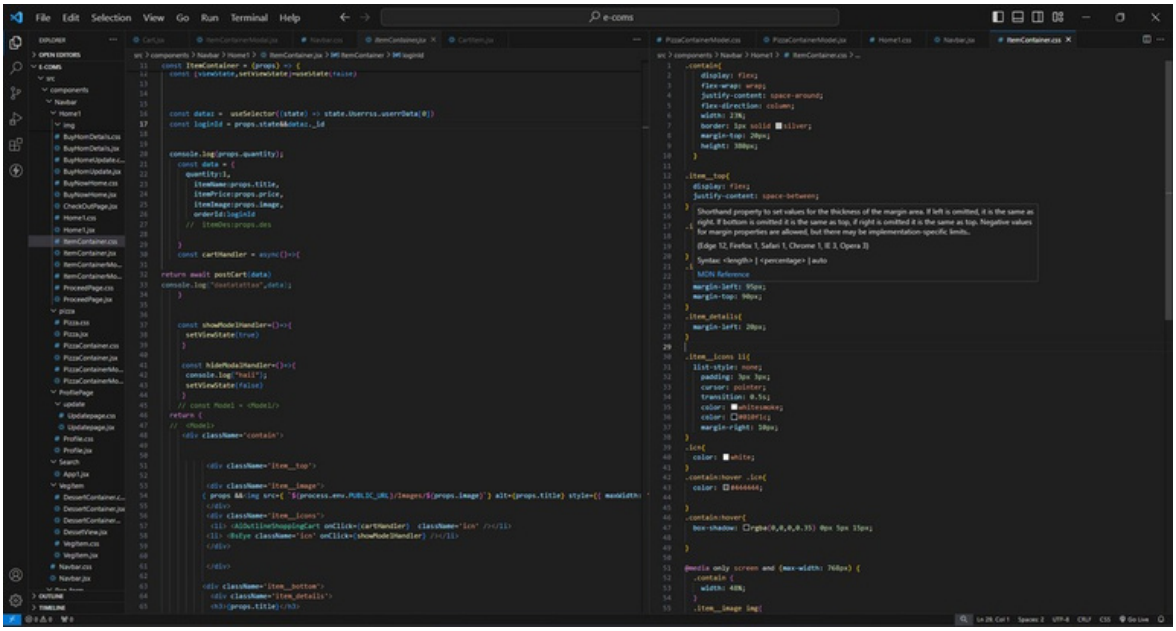
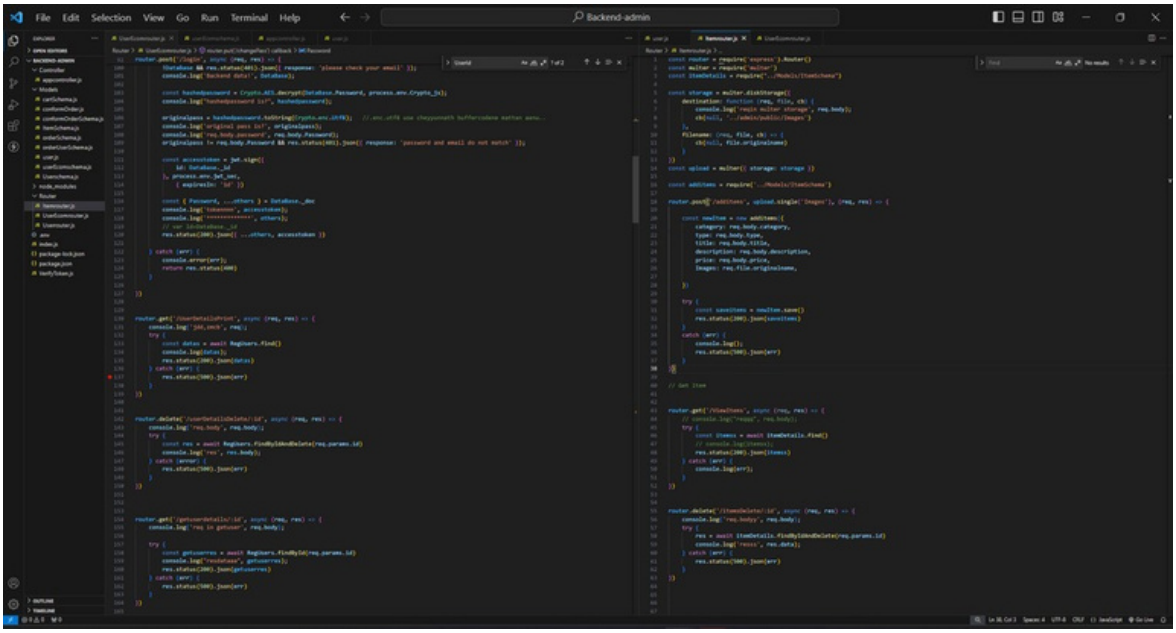
APPENDIX

CODE

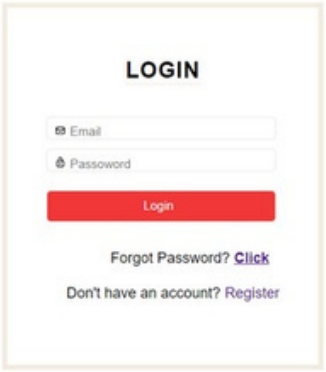




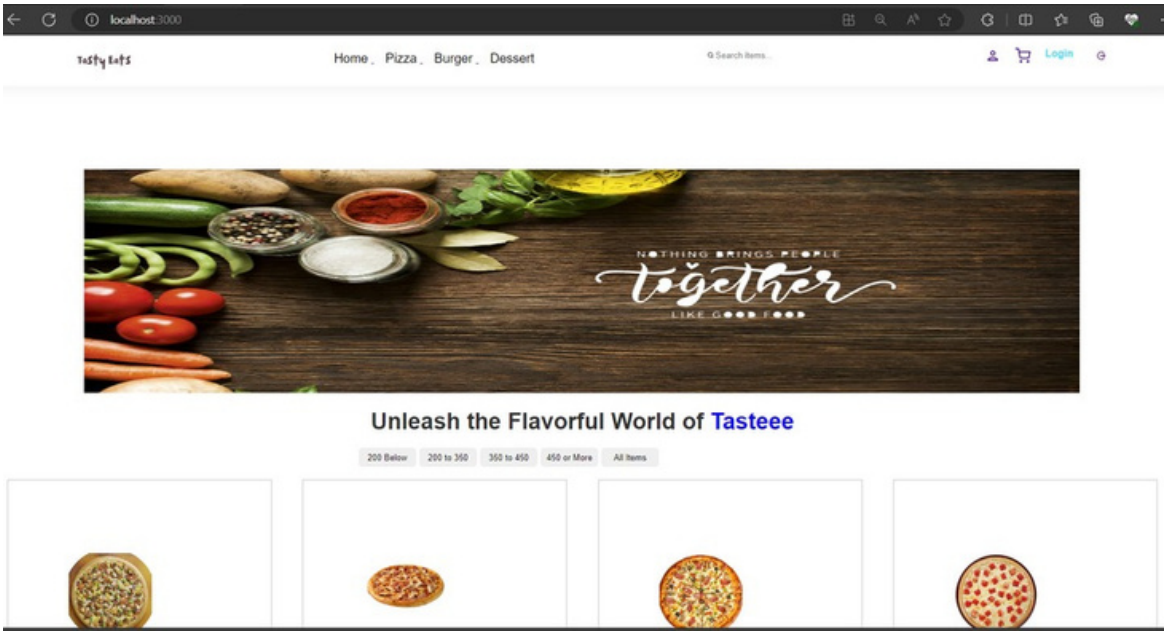
ANNEXURE

FOR USERS

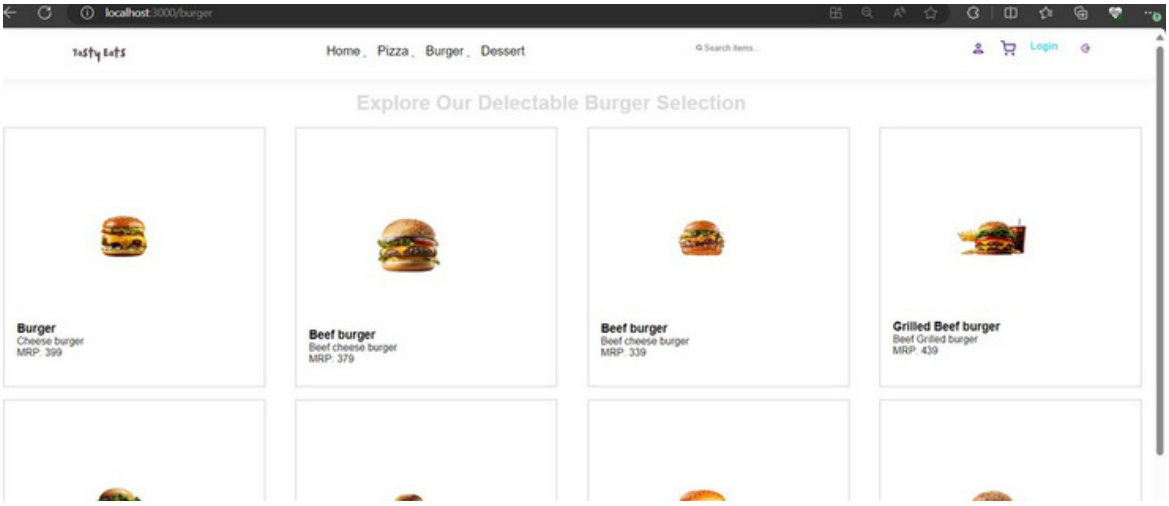
Login Page



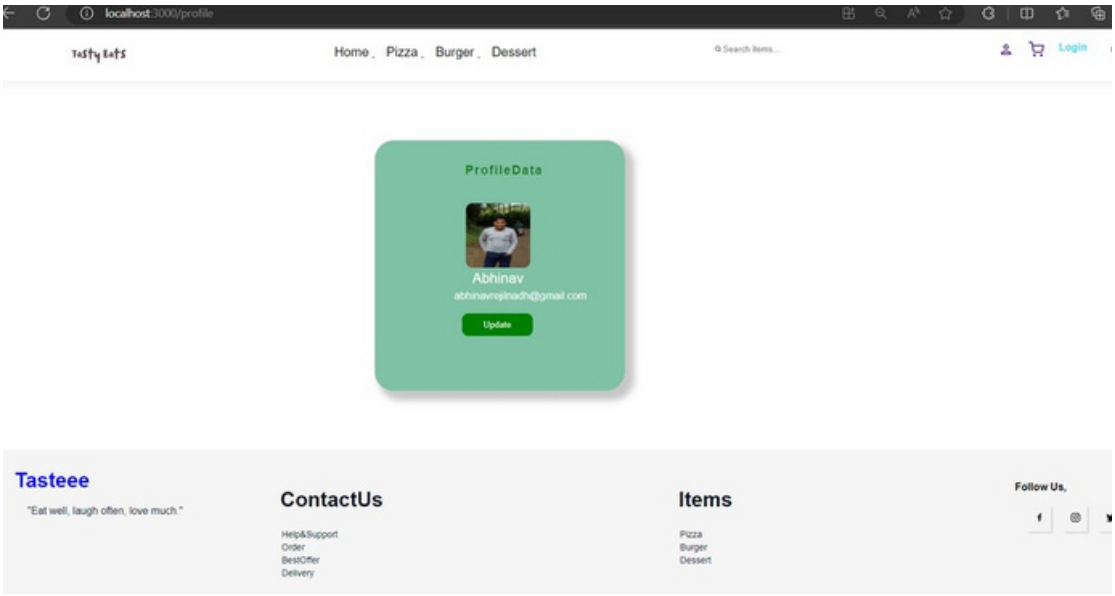
HomePage



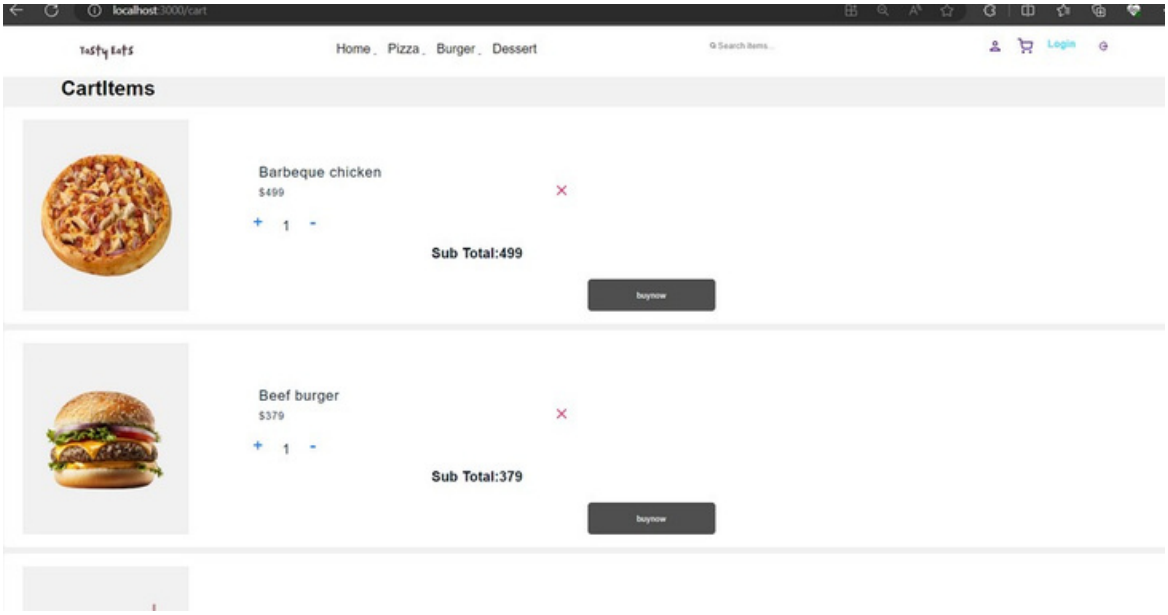
Burger Page



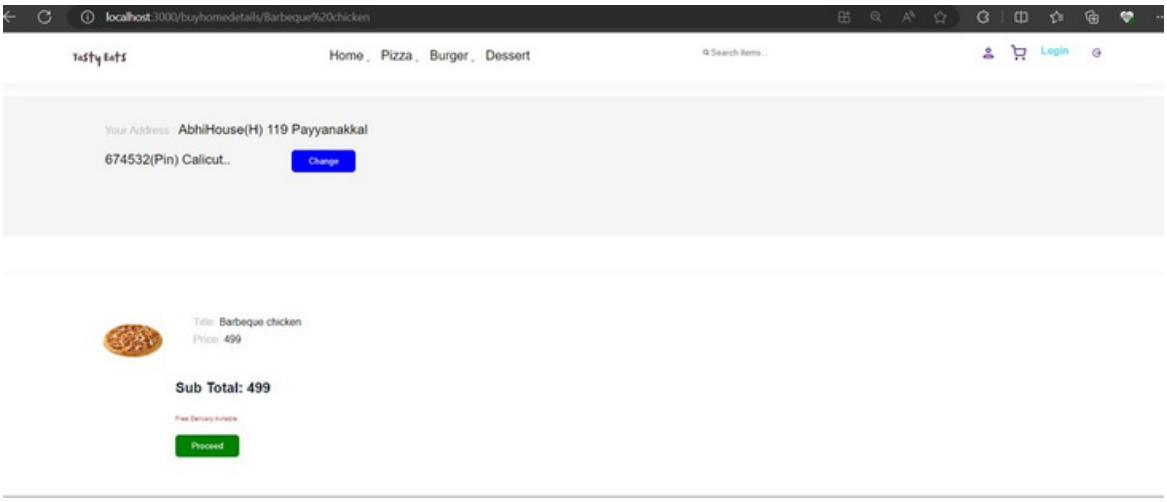
User Profile



Cart Page



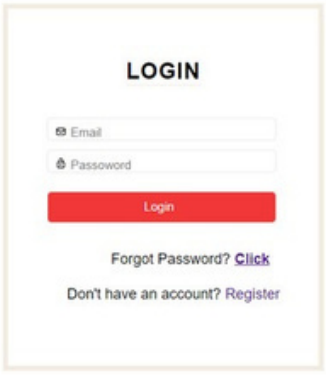
Buy Now Page



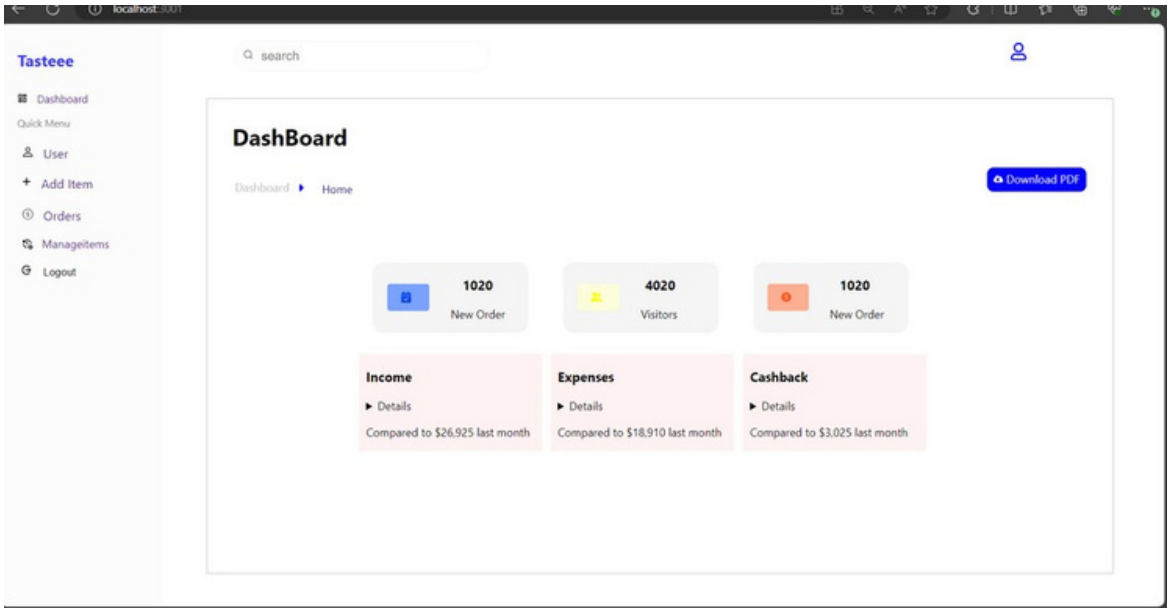
ANNEXURE

FOR ADMIN

Login Page

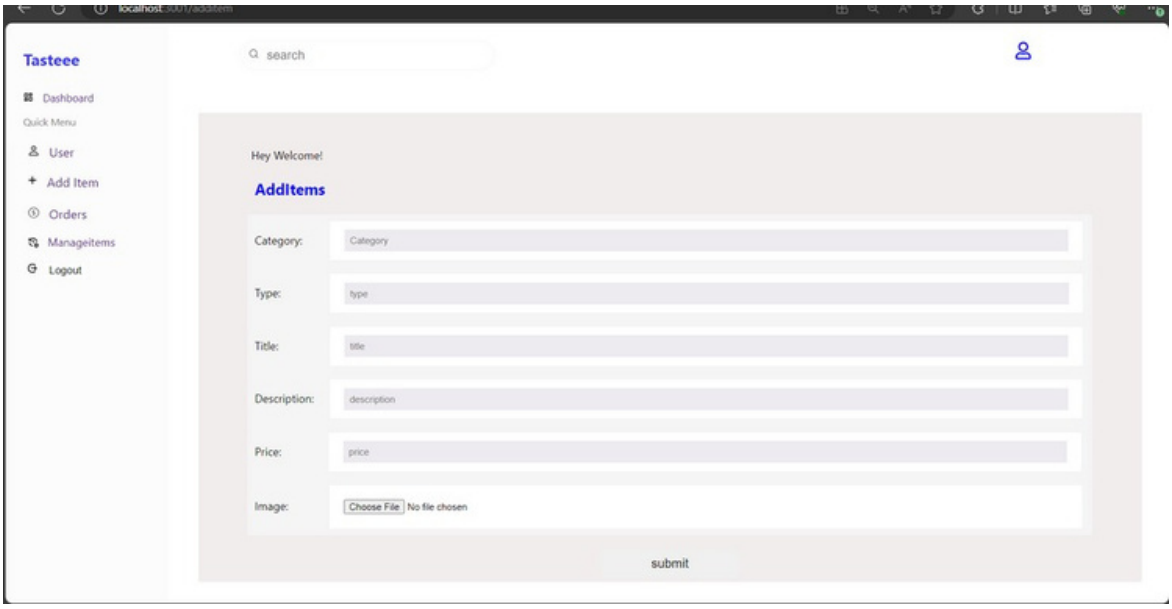


Dashboard

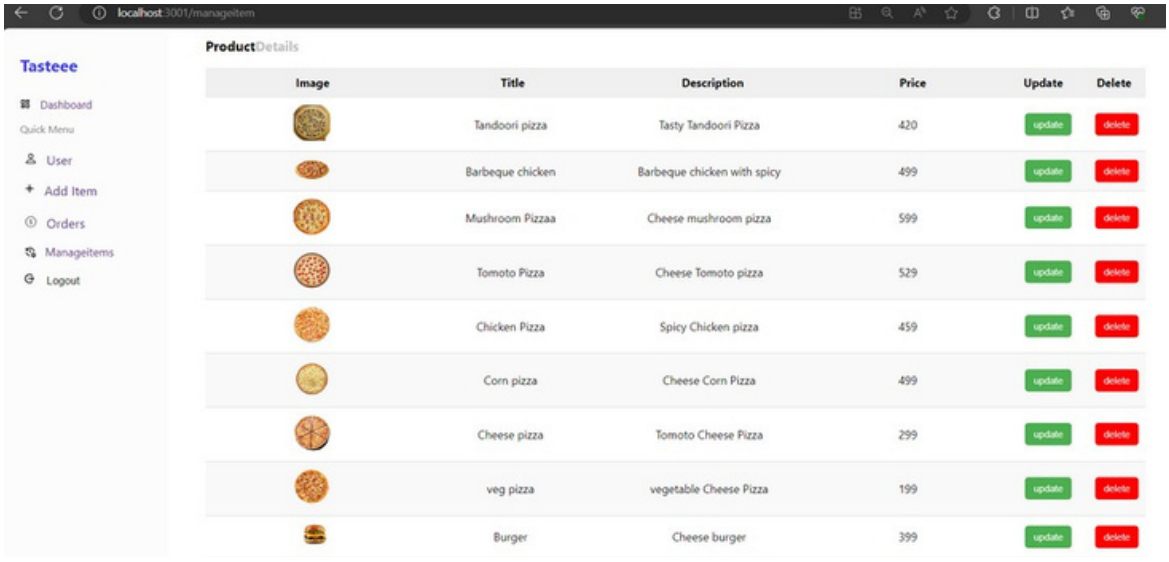


Admin Profile

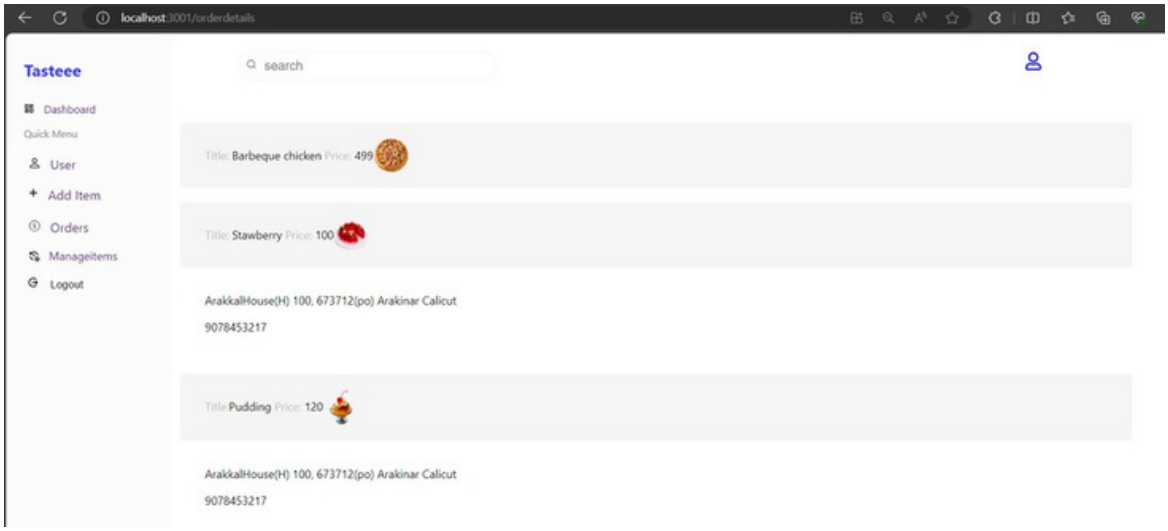
Add Items



Manage Items



View Order



User Details