Homemade Food Delivery System

by

Trisha Dhar

Id: CSE 012 05991

This Project Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science & Engineering

Department of Computer Science & Engineering

Port City International University

Chattogram, Bangladesh

October, 2021

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Supervised by

Mrs. Rabeya Sadia

Lecturer, Department of CSE

Port City International University

Department of Computer Science & Engineering

Port City International University

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RECOMMENDATION

This is certified that Trisha Dhar (CSE 012 05991) student of the Port City International University under the Department of Computer Science & Engineering had carried out the project on **“Homemade Food Delivery System”** successfully under my supervision.

…………………………………….

Signature of the Supervisor

Mrs. Rabeya Sadia

Lecturer,

Department of Computer Science & Engineering,

Port City International University

DECLARATION

I hereby declare that the whole project work has been done by me and not any portion of the work contain in support of any other application for any other qualification or degree of this or any other university or institution.

……………………………………..

Signature of the candidate

Trisha Dhar

ID: CSE 012 05991

DEDICATION

This project is dedicated to

My beloved parents

&

Honorable teachers

ACKNOWLEDGEMENT

At first, I would like to praise and thanks to almighty Allah, the most merciful and most beneficent for giving patience, courage and great opportunity to develop the project within mean time.

I am gratefulness to my project supervisor **Mrs. Rabeya Sadia** for providing me her valuable time, motivation, guidance & support to complete this project perfectly.

I'm also grateful to our faculty members for their support and inspiration all through long.

ABSTRACT

Homemade Food Delivery System helps to find good homemade food in an easy process. It helps people who wants to have traditional & home feeling foods in office or several places. Peoples can find healthy food in very affordable price. There are so many people who can cook best food but can't start a business due to not having best platform for their passion. But with Home Made Food Delivery System people can search their desired homemade food and also home food owners to run their business in an efficient and easiest way.

Home Food Owner or Caterer can upload their menu list in system with price. People can search their desired food and can order foods of any caterer. After paying food price caterer will get food order. Caterer will deliver the foods to customer in free of cost.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

Catering is the business of providing food service at a remote site or a site such as a hotel, hospital, pub, aircraft, cruise ship, park, filming site or studio, entertainment site, or event venue. In office or commercial area office authority or peoples want eat homemade food due to not having hygienic foods in outside and there is no helpful system to have homemade foods. And also, some people have good cooking skill and wants to do catering business but due to not having helpful system they can’t do business properly or it is difficult for some people to find customer to do business.

Caterer can upload their menu list in system with price. People can search their desired food and can order foods of any caterer. After paying food price caterer will get food order. Caterer will deliver the foods to customer in free of cost.

1.2 Motivation of this project

Nowadays, People feels lacking of homemade food due to unhygienic food in outside. And Street food also not affordable and healthy. Peoples who have good cooking skill and want to do catering business but due to not having good platform they can’t do business. Caterers can’t run their business in an efficient and easiest way due to lack of contacts. People also looking for trusted and hygienic caterer to have healthy foods.

1.3 Objectives

With this system peoples can find best and healthy hygienic food in one place. People can compare prices of same food with multiple caterers. People who have lack of contacts and have good cooking skill can do catering business in this system. Caterer can run their business in an efficient and easiest way with this system. People can justify caterer with other customers rating and review so that people can have best food in their neighborhood.

1.4 Proposed System

The proposed system helps to remove the present problem to find good caterer who can supply best and healthy food with affordable price. Good caterer can broad their business with the help of this system. Caterer who has lack of contacts they can make their own image to do business in any area. People can compare food prices and can find best food with affordable price in this system. So that people can have best food with affordable prices. This system will make the work faster, easier and more efficient compare with the present system.

1.5 Summary

I hope that this system will be helpful for all needy people who faces problem to find best caterer to buy foods and for those who have good food & want to do catering business. Now caterers can do business without any reference. This system will merge people who want foods and caterer who want to do business.

CHAPTER 2

PROJECT DESCRIPTION

Home Made Food Delivery System is controlled through web application by customers (who will order food), caterer and admin. At first caterer will add their food menu to system. Then customers can search foods they want order. Customer will add their desired food to cart, after choose foods they can view their added foods then they will place order. And after pay the food bills through online mobile banking food order will be visible to caterer. Then caterer will accept the order and delivery it on delivery address. After get the food delivery customer can give ratings and review to caterer. Here Admin will manage customer and caterer and can add caterer monthly charge because caterer have to pay monthly charge to admin. Caterer can pay their monthly charge to system from their account.

2.1 Project Description

"Homemade Food Delivery System" is a web application that is usually built on the people's privileges. In this app there is three types of panel customer panel (people who looking for foods), caterer panel & admin panel.

- **Customer Panel**
    1. Customer can search food by food name.
    2. Customer can search for caterer by catering name.
    3. Customer can add multiple food to food cart for place order.
    4. Customer can view pending order list.
    5. Customer can pay pending order bill.
    6. Customer can view waiting order list.
    7. Customer can view completed order list.
    8. Customer can rate and submit review to caterer.
    9. Customer can call or mail caterer.
    10. Customer can update his/her profile information.

- **Caterer Panel**

1. Caterer add their food menu.
2. Caterer can view their food menu list.
3. Caterer can manage pending orders list.
4. Caterer can view delivered order list.
5. Caterer can pay his/her monthly charge.
6. Caterer can view his/her monthly charge paid list.
7. Caterer can update his/her profile information.

- **Admin Panel**

1. Admin can approve or reject caterer registration request.
2. Admin can active and inactive customer list.
3. Admin can active and inactive caterer list.
4. Admin can add caterer monthly charge.
5. Admin can check caterer monthly charge list.
6. Admin can add another admin or moderator.
7. Admin can manage admin information list.
8. Admin can update their profile information.

2.2 Advantage of Proposed System

- People can search for healthy food with affordable price.
- People can compare food prices with multiple caterers.
- People who have good cooking skill can do catering business easily with this system without any reference.
- Caterer can broad their catering business with this system easily.
- People can order foods by location based
- New caterer can build a good image easily by provide good and best service.

CHAPTER 3

SYSTEM DEVELOPMENT METHODOLOGY

A methodology may be a model that project manager use for the look, planning, implementation and action of their project objectives. There are different project management methodologies to benefit different projects.

Methodology is that the systematic, theoretical analysis of the ways applied to a field of study. It contains the theoretical analysis of the body of ways and principles related to a branch of data. Typically, it encompasses ideas like paradigm, theoretical model, phases and quantitative or qualitative techniques

3.1 Necessity of Methodology

Software development methodology is important since it determines all ingredients that lead to fail/success in a software project. All the roles within the project and their collaboration are defined by the methodology of SDLC.A methodology need an explanation so that other can understand the significance of what I have done in my project. It also helps us to know what & why we didn’t and limitation of the project. Every project has a limitation & it is acceptable to identify the weakness of the project.

3.2 Software Development Life Cycle

The software development life cycle (SDLC) is a framework defining tasks performed at each step in the software development process. SDLC is a structure followed by a development team within the software organization. It consists of a detailed plan

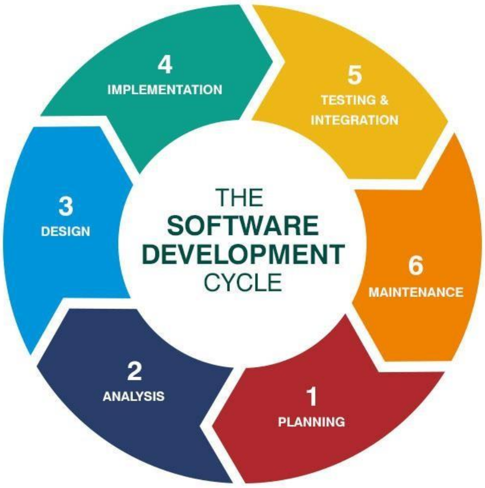


Fig 3.2.1: Phase of SDLC

Describing how to develop, maintain and replace specific software. The life cycle defines a methodology for improving the quality of software and the overall development process.

The software development life cycle is also known as the software development process.

Now I'll discuss the SDLC by defining task performed at each step in my project development process:

1. **Planning:** The most vital components of software system development, demand gathering or demand analysis are sometimes done by the foremost masterful and practiced software system engineers within the organization. once the necessities are gathered from the consumer, a scope document is made within which the scope of the project is set and documented. My project could be a generic ware in order that I actually have planned some demand which is able to fulfil the user necessities. and therefore, the necessities may be modified in future supported user's demand.
2. **Analysis:** The requirement is that the initial stage within the SDLC method. coming up with for the standard assurance necessities and recognition of the risks concerned is additionally done at this stage. once coming up with I even have analyzed scope of the whole project and anticipated problems, opportunities and directives that triggered the project. necessities Gathering stage would like groups to urge elaborated and precise necessities. This helps ME to end the mandatory timeline to end the work of this method.
3. **Design:** I prepared the system and software design documents as per the requirement specification document. This helps me to define overall system architecture. This design phase serves as input for the next phase of the model.
4. **Implementation:** The next phase is coding. I started build the entire system by writing code using C# programming language. In the coding phase, I have done all the task. It was the longest phase of my Software Development Life Cycle process. In this phase, I need to follow certain predefined coding guidelines. I have to use programming tools like compiler, interpreters, debugger to generate and implement the code.

5. **Testing:** After complete the software it is deployed in the testing environment. I have started testing the functionality of the entire system. This is done to verify that the entire application works according to the requirement. During this phase, I’ve found some bugs/defects which I have fixed & re-test. This process continued until the software is bug-free, stable, and working according to the business needs of that system.
6. **Deployment:** Once the software testing phase is over and no bugs or errors left in the system then the final deployment process starts. Based on the feedback, the final software is released and I have checked for deployment issues.
7. **Maintenance:** Once the system is deployed, and users will start using the developed system, following 3 activities occur

   - **Bug fixing** – bugs are reported because of some scenarios which are not tested at all
   - **Upgrade** – Upgrading the application to the newer versions of the Software
   - **Enhancement** – Adding some new features into the existing software

   The main focus of this SDLC phase is to ensure that needs continue to be met and that the system continues to perform as per the specification mentioned in the first phase.

CHAPTER 4

SYSTEM ANALYSIS

System analysis is conducted for the purpose of studying a system or its parts in order to identify its objectives. It is a problem-solving technique that improves the system and ensures that all the components of the system work efficiently to accomplish their purpose.

4.1 System Diagram

A system diagram could be a visual model of a system, its elements, and their interactions. With supporting documentation, it will capture all the essential info of a system's style. There square measure several variations of schematisation vogue that every one represent this rubric. the fashion conferred here is meant to be optimally according to the remainder of this courseware.

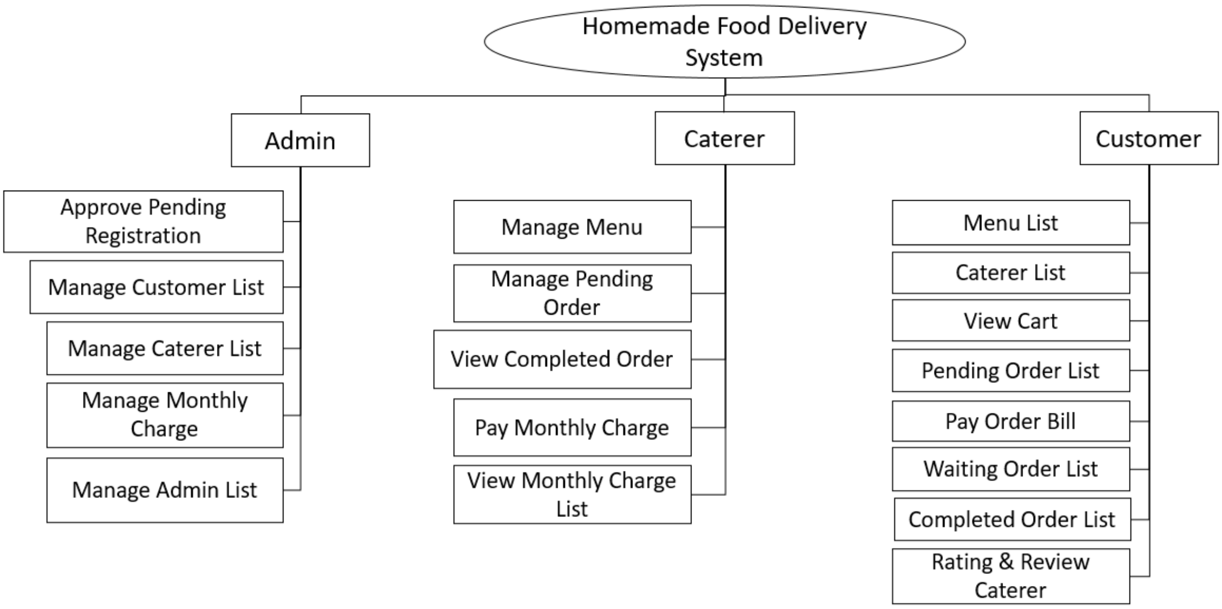


Fig 4.1.1: Proposed System Diagram

4.2 ER Diagram

Entity relationship diagram displays the relationships of entity set hold on in an exceedingly info. In different words, we will say that ER diagrams assist you to clarify the logical structure of databases. initially look, associate ER diagram appearance terribly like the flow diagram. However, ER Diagram includes several specialised symbols, and its meanings create this model distinctive.

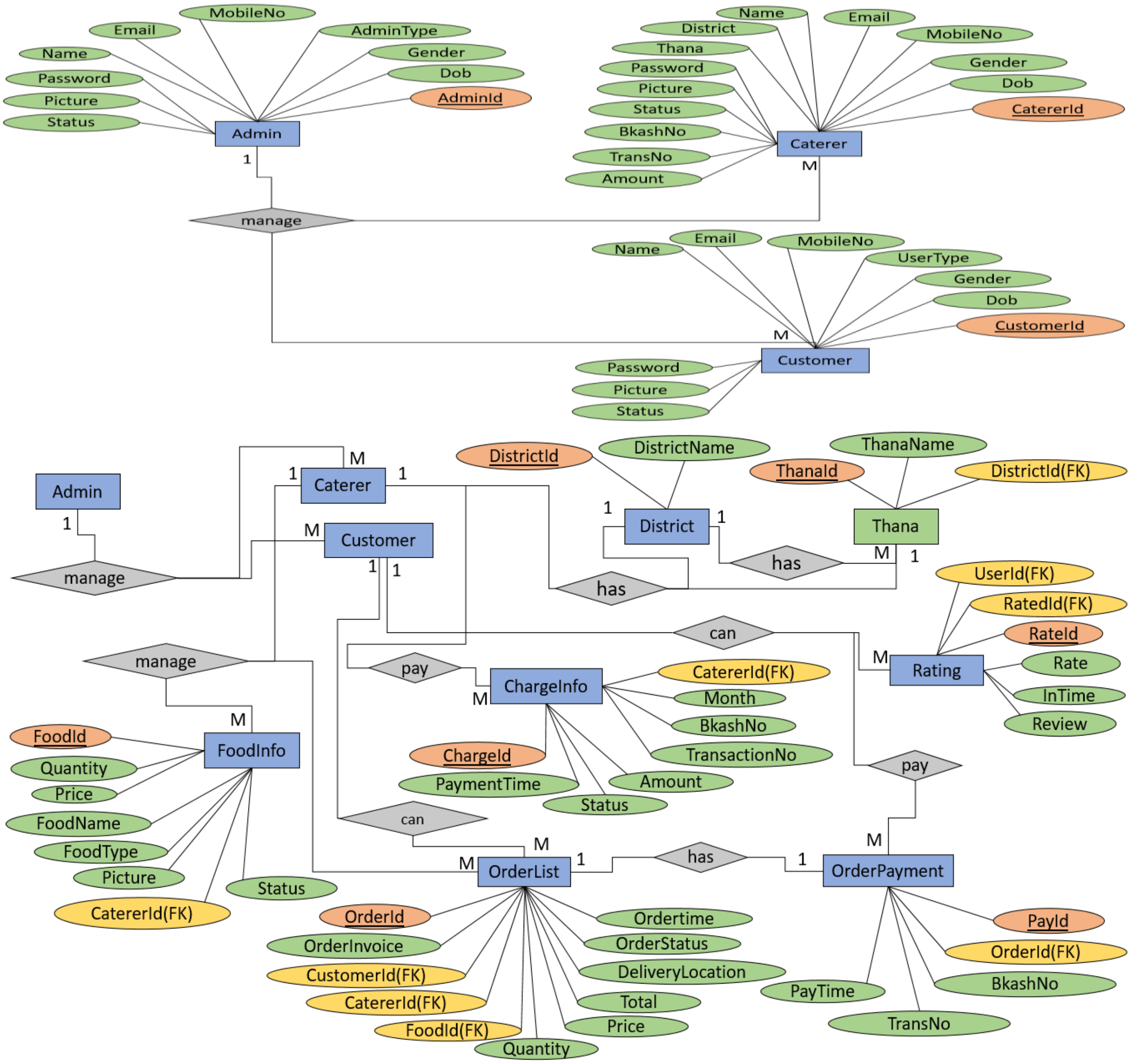


Fig 4.2.1

Fig 4.2.1: ER Diagram

4.3 Schema Diagram

A database schema defines its entities and therefore the relationship among them. It contains a descriptive detail of the info, which may be represented by means that of schema diagrams. It’s the info stylers United Nations agency design the schema to assist programmers perceive the info and create it helpful.

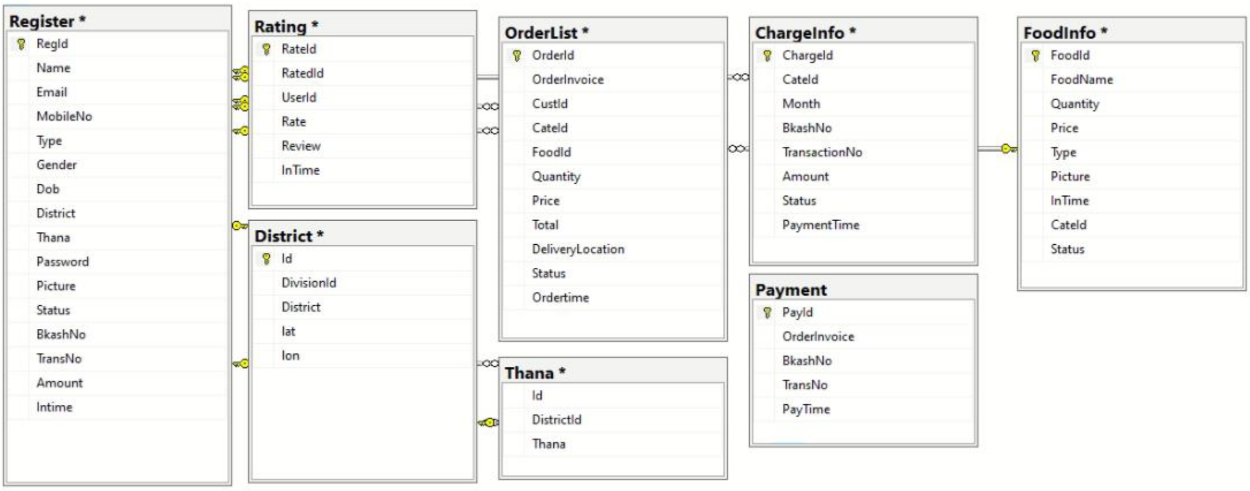


Fig 4.3.1

CHAPTER 5

SYSTEM SPECIFICATION

In this system, I have used some software’s to develop my project.

- Platform: Visual Studio
- Language: C#
- Framework: .net 4.7.2
- Database: MSSQL Server 2014

5.1 Visual Studio 2013

Microsoft Visual Studio is associate integrated development setting (IDE) from Microsoft. it's accustomed develop pc programs, further as websites, web apps, internet services and mobile apps. Visual Studio uses Microsoft code development platforms like Windows API, Windows Forms, Windows Presentation Foundation, Windows Store and Microsoft Silverlight. It will turn out each native code and managed code.

Visual Studio includes a code editor supporting IntelliSense (the code completion component) likewise as code refactoring. The integrated computer program works each as a source-level computer program and a machine-level computer program. different inherent tools embody a code profiler, forms designer for building graphical user interface applications, net designer, category designer, and info schema designer. It accepts plug-ins that enhance the practicality at virtually each level—including adding support for supply management systems (like Subversion and Git) and adding new toolsets like editors and visual designers for domain-specific languages or toolsets for different aspects of the software package development lifecycle (like the Team Foundation Server client: Team Explorer).

Visual Studio supports thirty-six completely different artificial languages and permits the code editor and computer program to support (to varied degrees) nearly any programming language, provided a language-specific service exists. inherent languages embody C,[6] C++, C++/CLI, Visual Basic .NET, C#, F#,[7] JavaScript, TypeScript, XML, XSLT, hypertext markup language and CSS. Support for different languages like Python, Ruby, Node.js, and M among others is out there via plug-ins. Java (and J#) were supported within the past.

The most basic edition of Visual Studio, the Community edition, is available free of charge. The slogan for Visual Studio Community edition is “Free, fully-featured IDE for students, open-source and individual developers”.

5.2 C# / ASP.NET

C# could be a programing language used once developing Asp.net. The C# programing language is specially designed for straightforward use in much any purpose.Asp.net could be a net application framework created by Microsoft. the most goal of Asp.net is to make net applications, internet sites and net services. Programmers could use C# as a programing language for Asp.net or option for alternative languages out there.Asp.net is made on Common Language Runtime.Asp.net Framework two.0 is presently out there created with a small improvement over the first ASP.C# will be simply reborn to alternative language programs by merely dynamic syntax used. this can be however each C# and also the Official Microsoft ASP.NET web site are each totally different technologies

5.3 ASP.NET: Web Forms

Web Forms square measure sites engineered on the ASP.NET Technology. It executes on the server and generates output to the browser. it's compatible to any browser to any language supported by .NET common language runtime. it's versatile and permits North American nation to make and add custom controls.

Web Forms square measure created of 2 components: the visual portion (the ASPX file), and also the code behind the shape, that resides in an exceedingly separate category file. the most purpose of internet Forms is to beat the restrictions of ASP and separate read from the applying logic.

5.4 MS SQL Server 2014

Microsoft SQL Server may be an on-line database management system (RDBMS) that supports a good form of dealings process, business intelligence and analytics applications in company IT environments. Microsoft SQL Server is one among the 3 market-leading info technologies, alongside Oracle info and IBM's DB2.

Like different RDBMS software package, Microsoft SQL Server is constructed on prime of SQL, an even programing language that info directors (DBAs) and different IT professionals use to manage databases and question the info they contain. SQL Server is tied to Transact-SQL (T-SQL), associate implementation of SQL from Microsoft that adds a collection of proprietary programming extensions to the quality language.

5.5 JavaScript

JavaScript could be a scripting or programing language that permits you to implement complicated things on websites whenever an internet page will quite simply sit there and show static info for you to appear at displaying timely content updates, interactive maps, animated 2D/3D graphics, scrolling video jukeboxes, etc. you'll be able to bet that JavaScript is maybe concerned. it's the third layer of the cake of ordinary internet technologies, 2 of that (HTML and CSS) we've got lined in rather more detail in alternative components of the educational space. JavaScript could be a scripting language that allows you to make dynamically change content, management transmission, animate pictures, and just about everything else.

Although JavaScript is usually talked about as a language that is primarily designed for front-end web development – and indeed, that's what I've focused on so far – the answer to the question 'What is JavaScript used for?' isn't that simple. Along with interactive web elements, a strong knowledge of JavaScript will allow you to create games and mobile apps.

5.6 jQuery

jQuery may be a quick, small, and feature-rich JavaScript library. It makes things like markup language document traversal and manipulation, event handling, animation, and mythical being a lot of easier with an easy-to-use API that works across a mess of browsers. With a mixture of skillfulness and extensibility, jQuery has modified the manner that scores of individuals write JavaScript.

jQuery's syntax is meant to form it easier to navigate a document, choose DOM components, produce animations, handle events, and develop mythical being applications. jQuery additionally provides capabilities for developers to make plug-ins on prime of the JavaScript library. this allows developers to make abstractions for low-level interaction and animation, advanced effects and high-level, theme able widgets. The standard approach to the jQuery library permits the creation of powerful dynamic web content and internet applications.

5.7 Internet Information Services

Internet info Services (IIS, erst net info Server) is associate degree protractile net server created by Microsoft to be used with the Windows NGO family. IIS supports communications protocol, HTTP/2, HTTPS, FTP, FTPS, SMTP and NNTP. it's been associate degree integral a part of the Windows NGO family since Windows NGO four. it should be absent from some editions (e.g., Windows XP Home edition), and isn't active by default.

IIS could be a net server package designed for Windows Server. it's used for hosting websites and different content on the online.

Microsoft’s net info Services provides a graphical program (GUI) for managing websites and also the associated users. It provides a visible suggests that of making, configuring, and publication sites on the online. The IIS Manager tool permits net directors to switch web site choices, like default pages, error pages, work settings, security settings, and performance optimizations.

IIS will serve each normal markup language webpages and dynamic webpages, like ASP.NET applications and PHP pages. once a traveler accesses a page on a static web site, IIS merely sends the markup language and associated pictures to the user’s browser. once a page on a dynamic web site is accessed, IIS runs any applications and processes any scripts contained within the page, then sends the ensuing knowledge to the user’s browser.

While IIS includes all the options necessary to host a web site, it additionally supports extensions (or “modules”) that add further practicality to the server. as an example, the Win Cache Extension permits PHP scripts to run quicker by caching PHP processes. The URL Rewrite module permits webmasters to publish pages with friendly URLs that square measure easier for guests to sort and bear in mind. A streaming extension are often put in to supply streaming media to web site guests.

IIS could be a common choice for industrial websites, since it offers several advanced options and is supported by Microsoft. However, it additionally needs an advertisement license and also the valuation will increase betting on the quantity of users. Therefore, Apache communications protocol Server, that is open supply and free for unlimited users, remains the foremost common net server package.

CHAPTER 6

TESTING

Testing is a very important a part of development. while not good testing a system may well be failure. package Testing is important as a result of we have a tendency to all create mistakes. a number of those mistakes square measure unimportant, however a number of them square measure pricy or dangerous. we want to visualize everything and something we have a tendency to turn out as a result of things will perpetually get it wrong – humans create mistakes all the time. Since we have a tendency to assume that our work could have mistaken, thence we have a tendency to all have to be compelled to check our own work. but some mistakes return from unhealthy assumptions and blind spots, therefore we would create constant mistakes {when we have a tendency to check our own work as we created after we did it. Therefore, we have a tendency to might not notice the failings in what we've got done. Ideally, we should always get some other person to visualize our work as a result of another person is a lot of seemingly to identify the failings. There square measure many reasons that clearly tells North American country as why package Testing is vital and what square measure the main things that we should always contemplate whereas testing of any product or application.

6.1 Types of Testing

There are three types of Testing

- **Development Testing:** The system is tested during development to discover bugs and defects. System designers and programmers are likely to be involved.
- **Release Testing:** A separate testing team tests a complete version of the system before it is released to users the aim of release testing is to check that the system meets the requirements of the system stakeholders
- **User Testing:** Users and potential users of a system test the system in their own environment.

There two types of Release testing

- **White Box Testing**
- **Black Box Testing**

In this project I have use black box testing for check my project is working correctly or not.

- **6.1.1 Black Box Testing**

  Black box testing is a software testing technique in which functionality of the software under test (SUT) is tested without looking at the internal code structure, implementation details and knowledge of internal paths of the software. It based entirely on the software requirements and specifications.

  It can test any software system I want to test just by focusing on the inputs and outputs.

- **6.1.2 Type of Black box testing**

  There are many types of black box testing but following are the prominent ones which I have applied on my project testing.

  - **Functional testing:** This is related to functional requirements of a system.
  - **Non-Functional testing:** This is related to performance, scalability, usability.
  - **Regression testing:** It is done after code fixes, upgrading or any other system maintenance to check new code has not affected the existing code.

- **6.2 How I performed black box testing**

  - I initially examined the requirements and specifications of the system.
  - I have chosen valid input (positive test scenario) to check whether application is working correctly or not. Also, some invalid inputs (negative test scenario) are chosen to verify that the application or system is able to detect them or not.
  - I have determined expected outputs for all those inputs.
  - I have created test cases with selected inputs and executed them.
  - I have compared the actual outputs with the expected outputs.
  - I got some defects then I've fixed them and re-tested.

In this way I have performed black box testing on my project. And after test finally I got a successful expected result.

CHAPTER 7

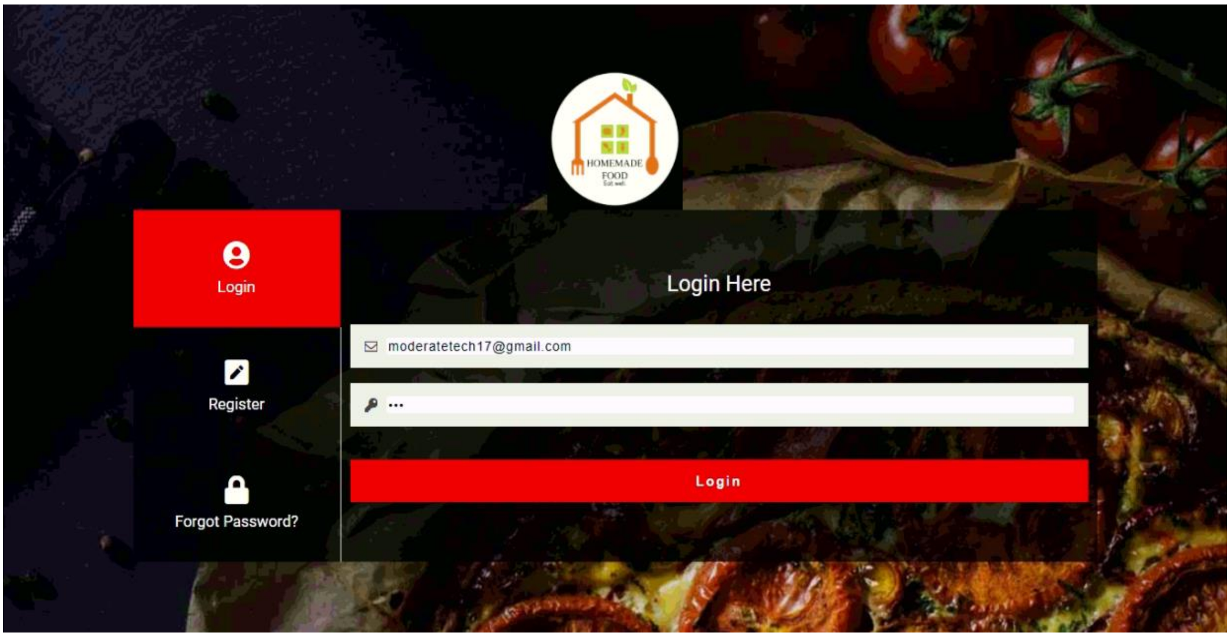
IMPLEMENTATION

User Interface: The user interface (UI) is everything designed into an information device with which a person may interact. This can include display screens, keyboards, a mouse and the appearance of a desktop. It is also the way through which a *user* interacts with an application or a website.

Input forms

7.1 Login

User, Developer, Lawyer, Super Admin & Co-Admin can login to their account by providing Email & Password.



moderatetech17@gmail.com

•••

Fig 7.1.1: Login form

7.2 Sign up Form

Customer & Caterer can sign up here if they don't have any account.

- **Customer Sign up**

Customer will sign up here by fill up all required field.

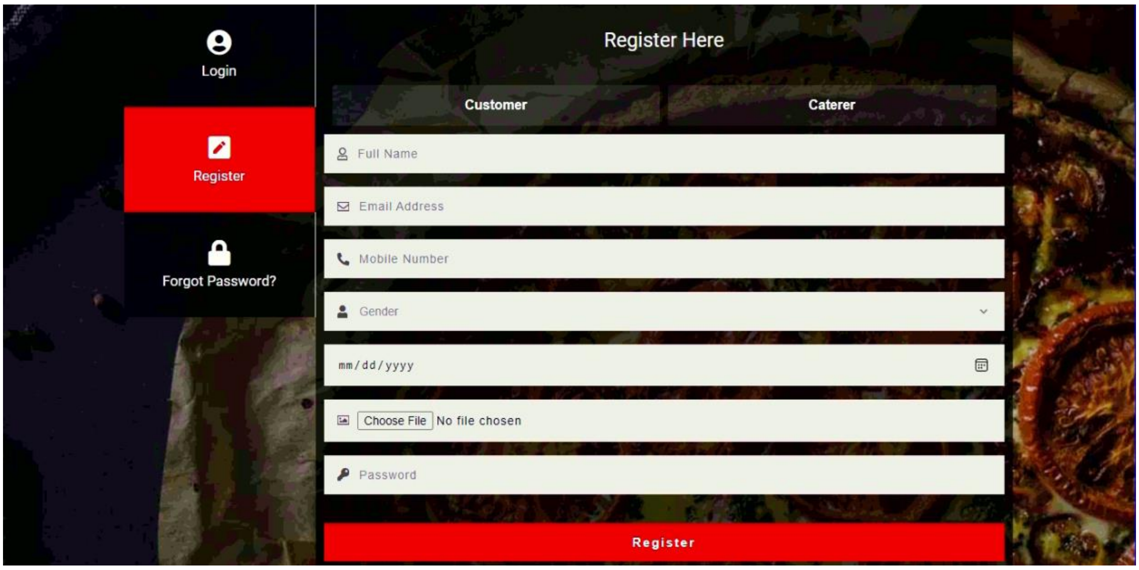


Fig 7.2.1: Customer Sign up

- **Caterer Sign up**

Caterer will sign up here by required all field and will pay registration fees.

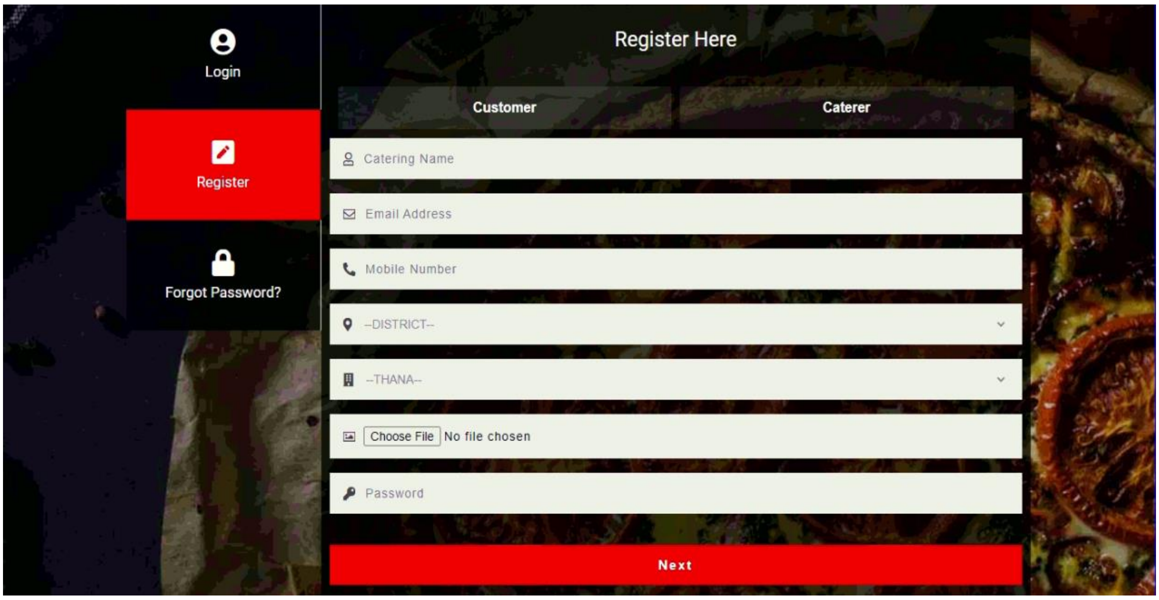
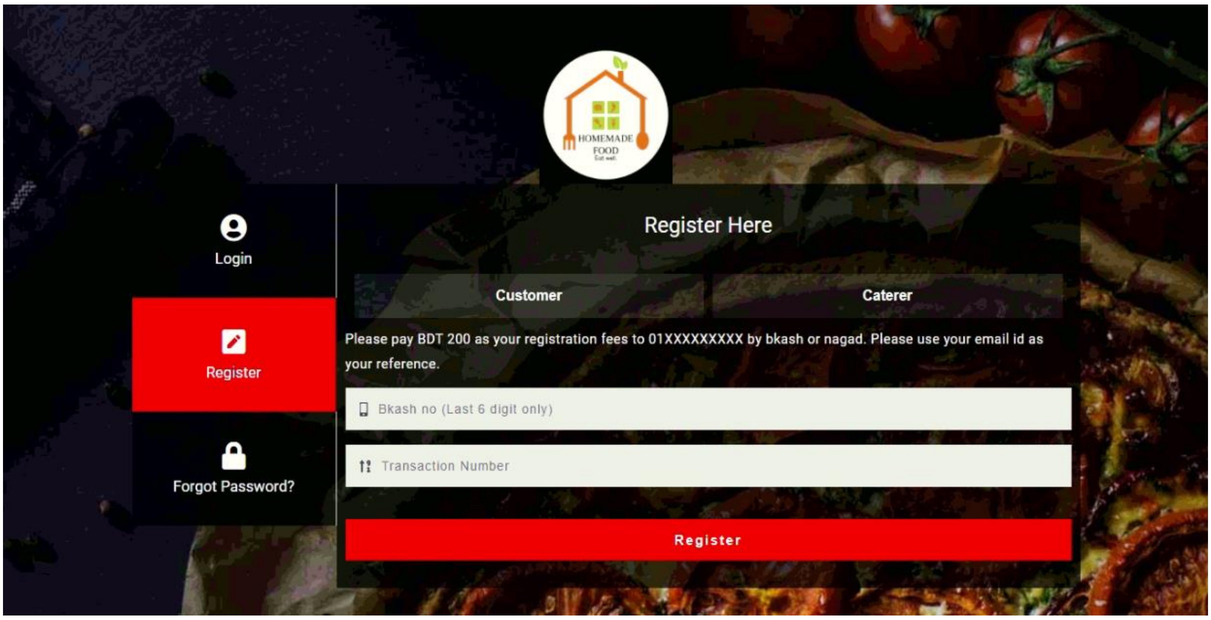


Fig 7.2.2: Caterer Sign up

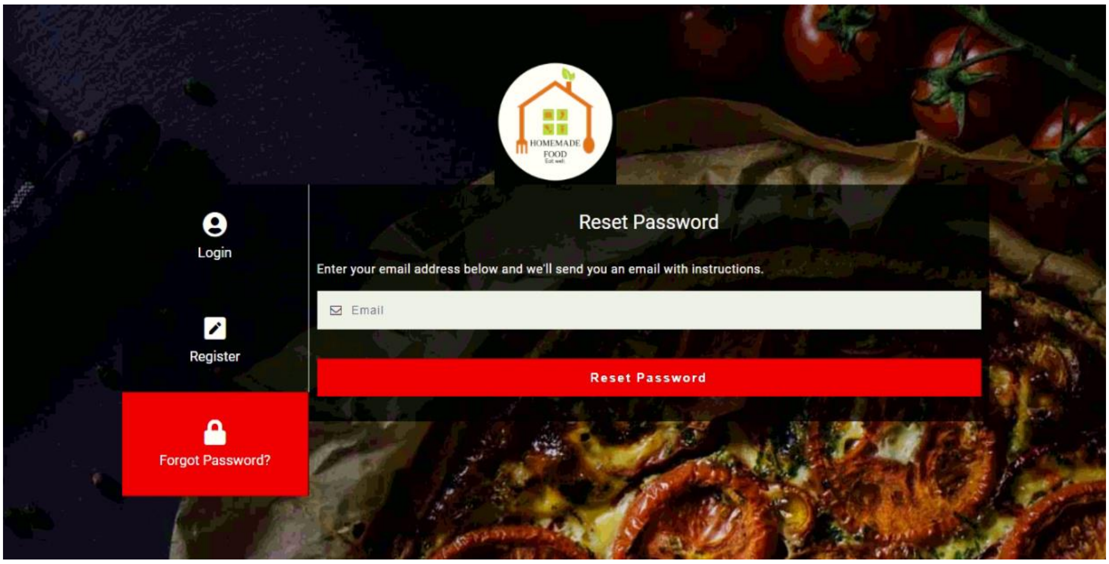


Please pay BDT 200 as your registration fees to 01XXXXXXXXX by bkash or nagad. Please use your email id as your reference.

Fig 7.2.3: Caterer registration fee

7.3 Forgot Password

For recover password caterer or customer have to insert their email address and click reset password.



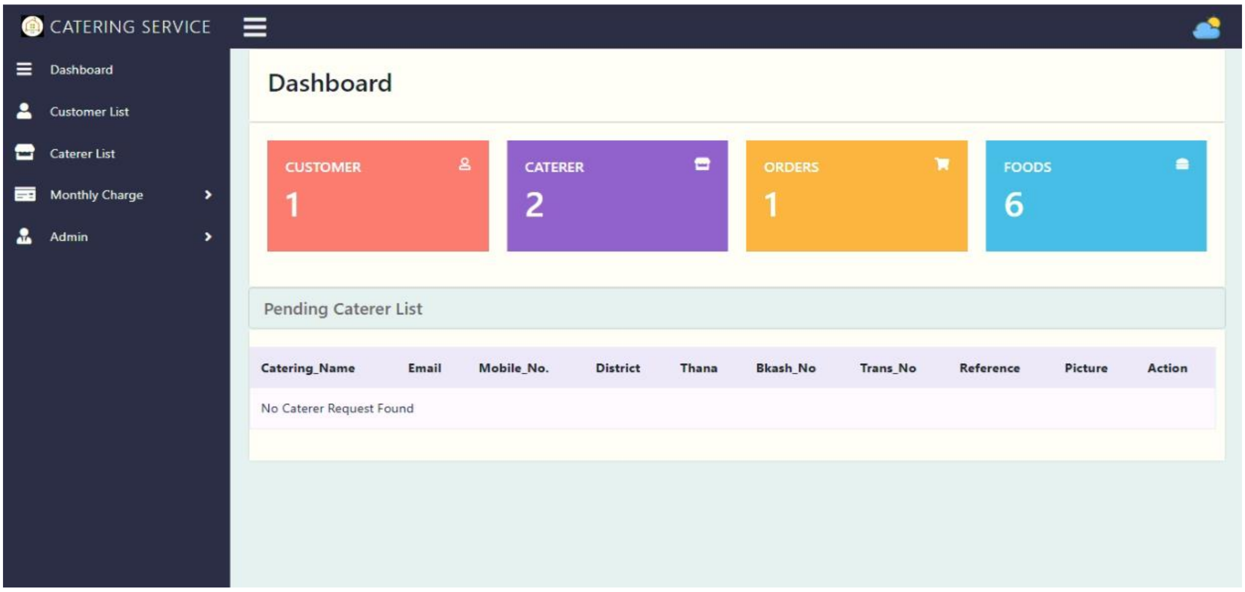
Enter your email address below and we'll send you an email with instructions.

7.3.1: Forgot Password

Admin Panel

7.4 Caterer Account Approval

When caterer will sign up by pay their registration fees their account will be verifies/ approved by admin.



Dashboard

CUSTOMER	CATERER	ORDERS	FOODS
1	2	1	6

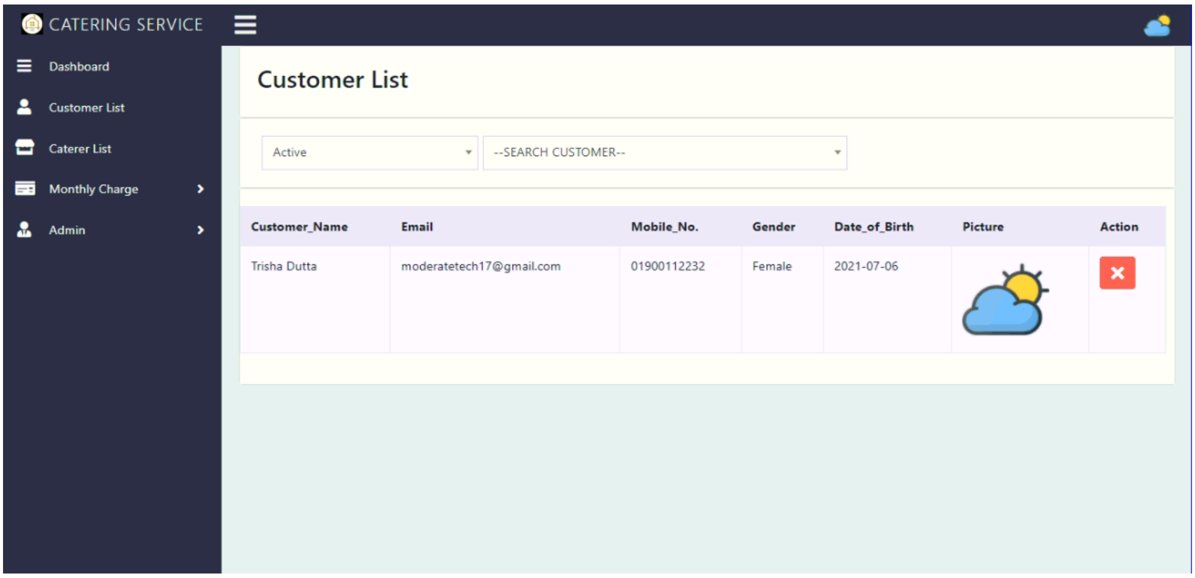
Pending Caterer List

Catering_Name	Email	Mobile_No.	District	Thana	Bkash_No	Trans_No	Reference	Picture	Action
No Caterer Request Found									

Fig 7.4.1: Caterer Account Approval

7.5 Customer List

All approved customer list will be shown here. Admin can active or inactive their account.

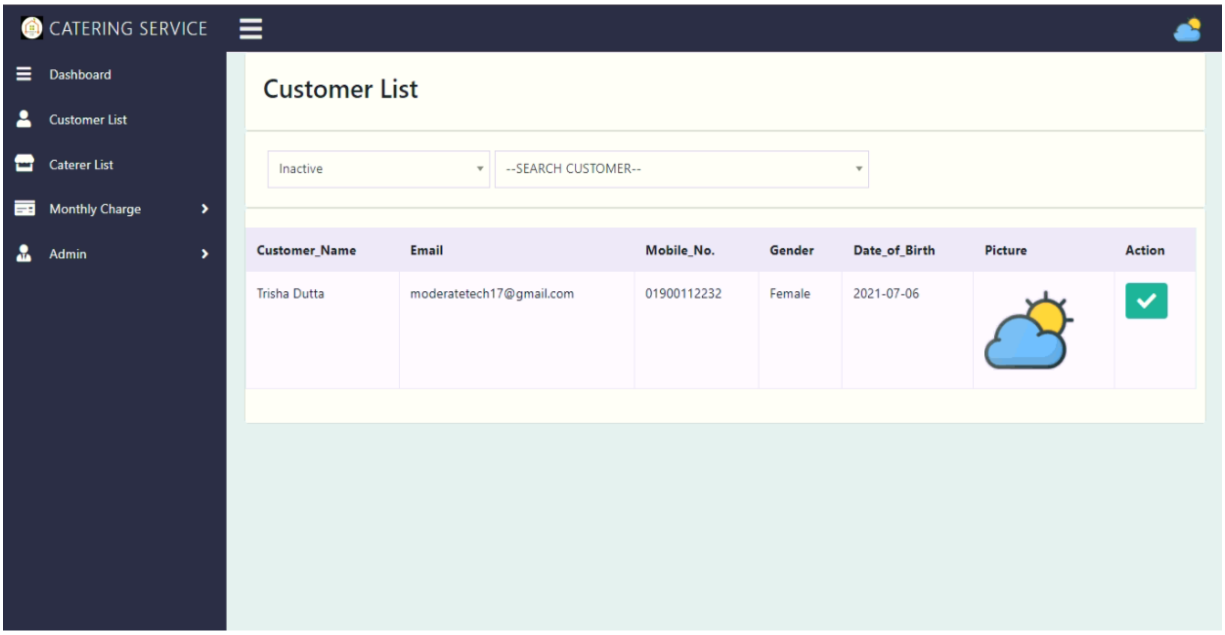


Customer List

Active ▾ --SEARCH CUSTOMER-- ▾

Customer_Name	Email	Mobile_No.	Gender	Date_of_Birth	Picture	Action
Trisha Dutta	moderatetech17@gmail.com	01900112232	Female	2021-07-06		✕

Fig 7.5.1: Customer List



Customer List

Inactive

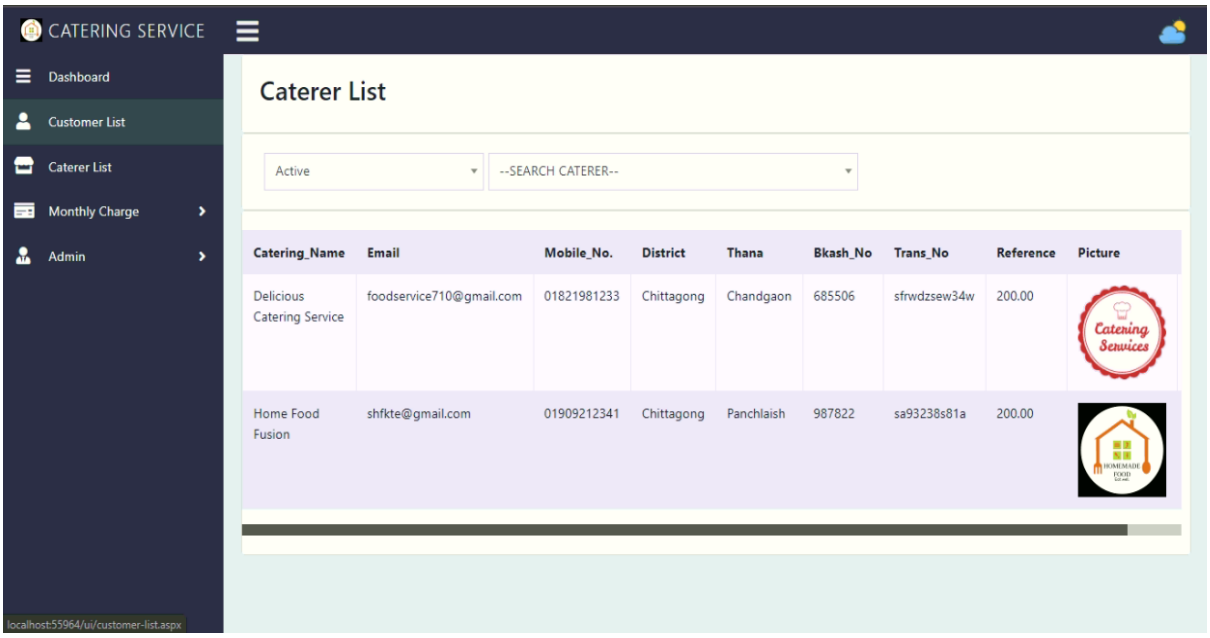
--SEARCH CUSTOMER--

Customer_Name	Email	Mobile_No.	Gender	Date_of_Birth	Picture	Action
Trisha Dutta	moderatetech17@gmail.com	01900112232	Female	2021-07-06		✓

Fig 7.5.2: Customer List

7.6 Caterer List

All approved customer list will be shown here. Admin can active or inactive their account.



Caterer List

Active

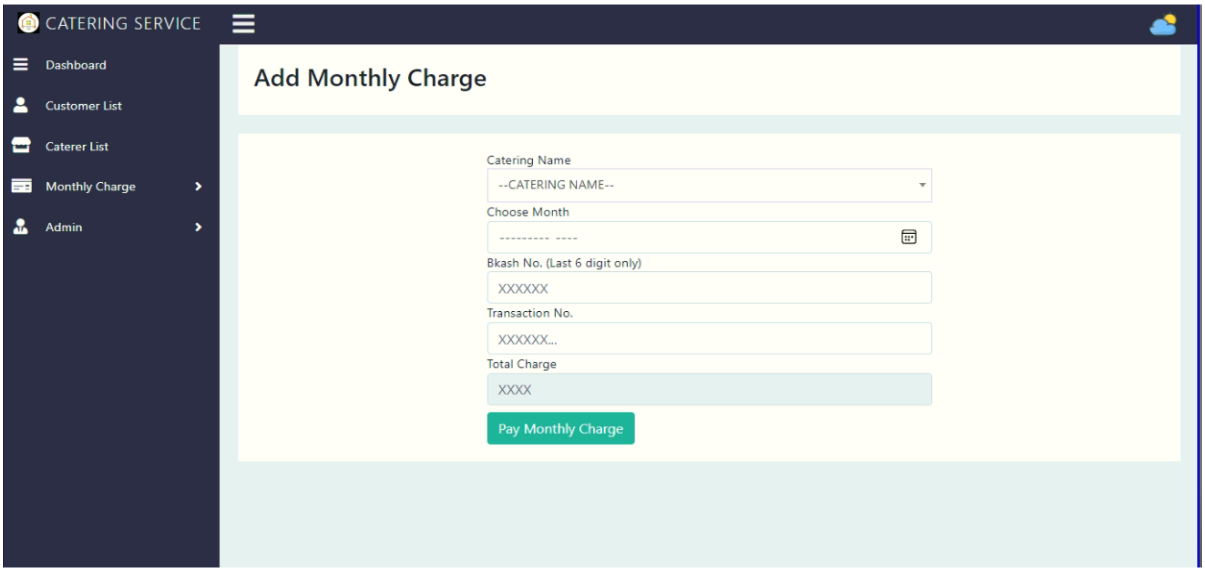
--SEARCH CATERER--

Catering_Name	Email	Mobile_No.	District	Thana	Bkash_No	Trans_No	Reference	Picture
Delicious Catering Service	foodservice710@gmail.com	01821981233	Chittagong	Chandgaon	685506	sfrwdzsew34w	200.00	Catering Services
Home Food Fusion	shfkte@gmail.com	01909212341	Chittagong	Panchlaish	987822	sa93238s81a	200.00	HOMEMADE FOOD

Fig 7.6.1: Caterer List

7.7 Add Monthly Charge

Admin will add caterer monthly charge.



Add Monthly Charge

Catering Name: --CATERING NAME--

Choose Month: --------- ----

Bkash No. (Last 6 digit only): XXXXXX

Transaction No.: XXXXXX...

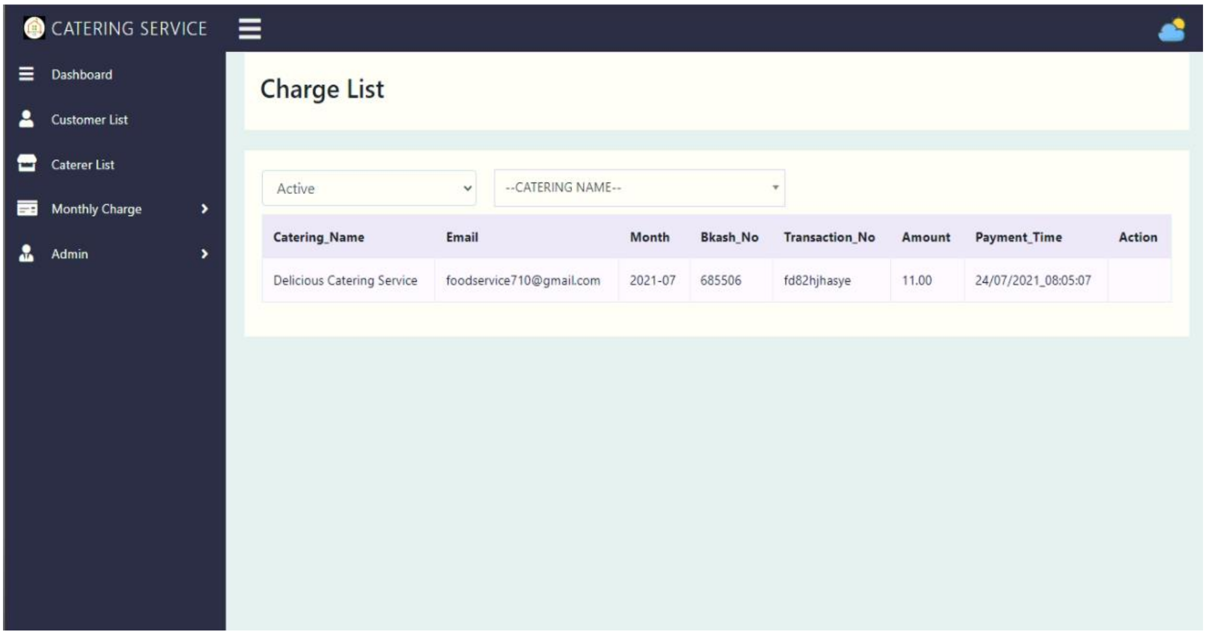
Total Charge: XXXX

F

Fig 7.7.1: Add Monthly Charge

7.8 Charge List

Caterer monthly charge list.



Charge List

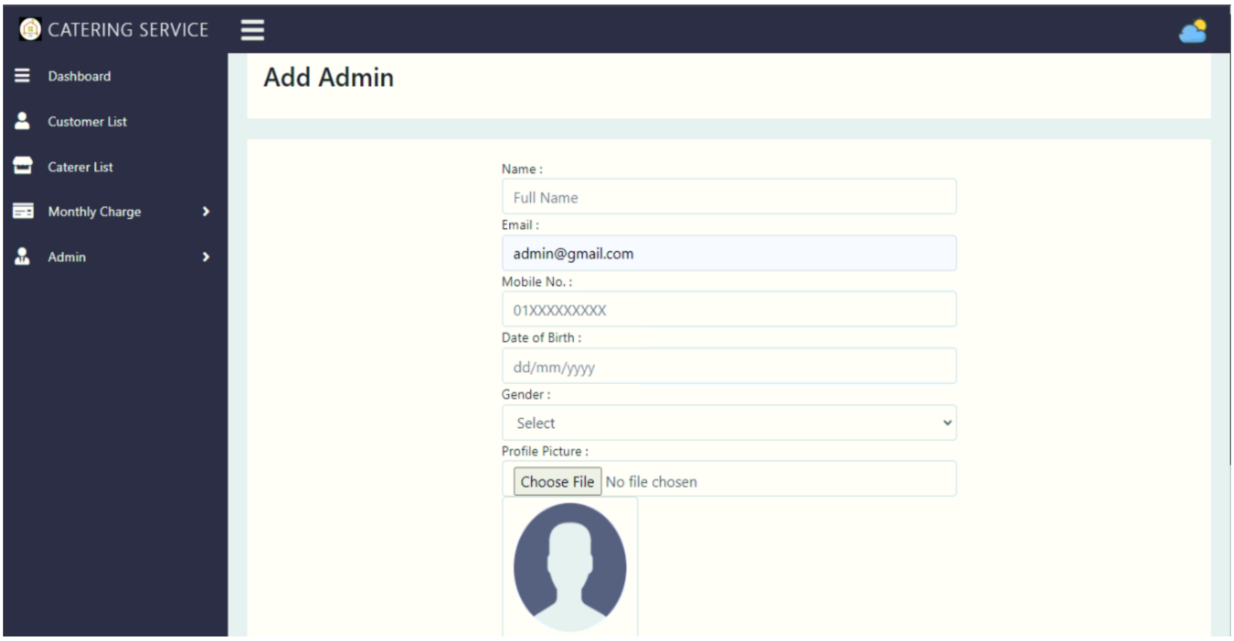
Active | --CATERING NAME--

Catering_Name	Email	Month	Bkash_No	Transaction_No	Amount	Payment_Time	Action
Delicious Catering Service	foodservice710@gmail.com	2021-07	685506	fd82hjhasye	11.00	24/07/2021_08:05:07	

Fig 7.8.1: Monthly Charge List

7.9 Add Admin

Admin can add another admin or moderator.



Add Admin

Name : Full Name

Email : admin@gmail.com

Mobile No. : 01XXXXXXXXX

Date of Birth : dd/mm/yyyy

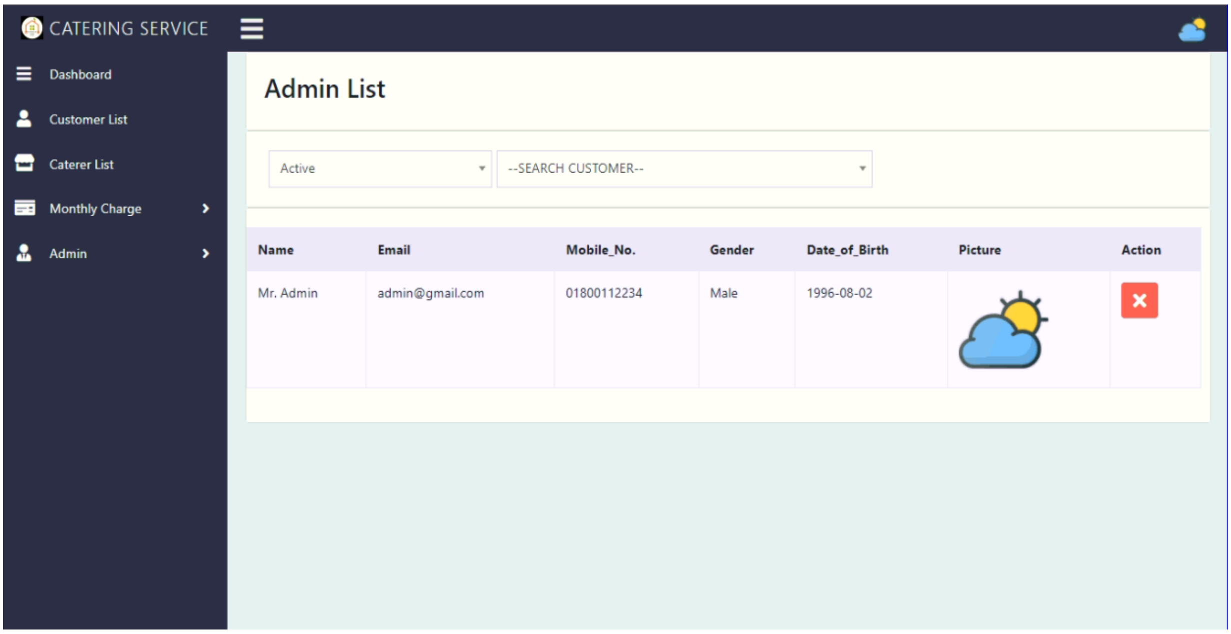
Gender : Select

Profile Picture : No file chosen

Fig 7.9.1: Add Admin

7.10 Admin List

Admin can view admin list and active, inactive other admin or moderators



Admin List

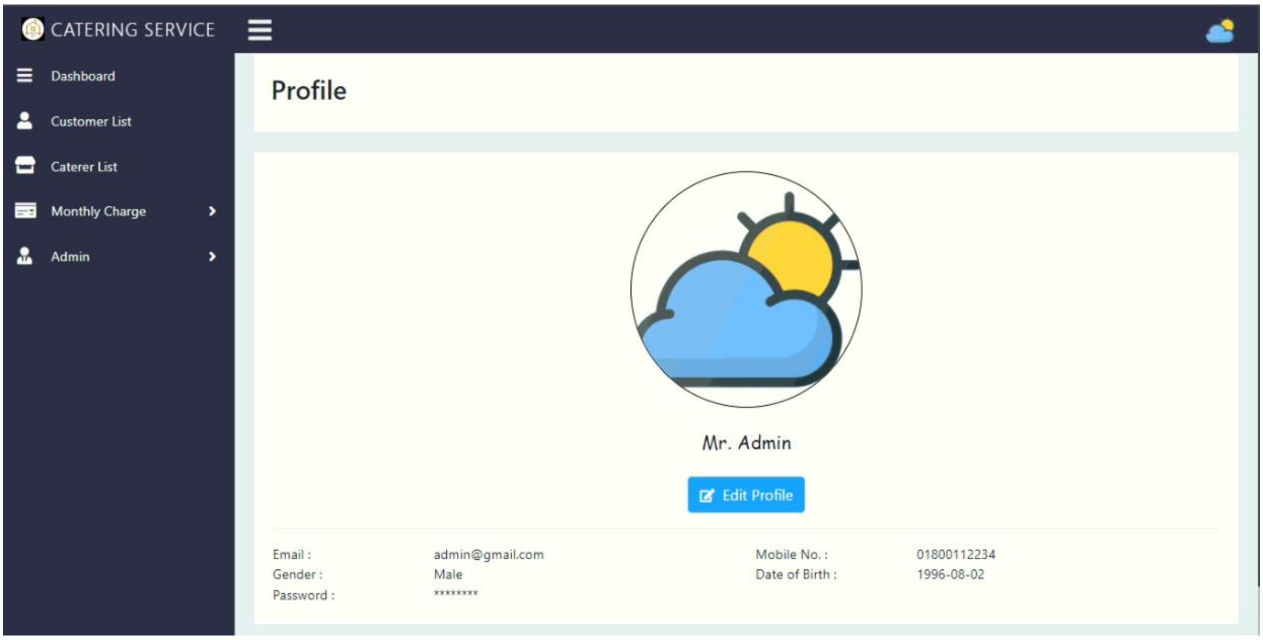
Active | --SEARCH CUSTOMER--

Name	Email	Mobile_No.	Gender	Date_of_Birth	Picture	Action
Mr. Admin	admin@gmail.com	01800112234	Male	1996-08-02		✕

Fig 7.10.1: Admin List

7.11 Admin Profile

Admin can modify his/her own profile

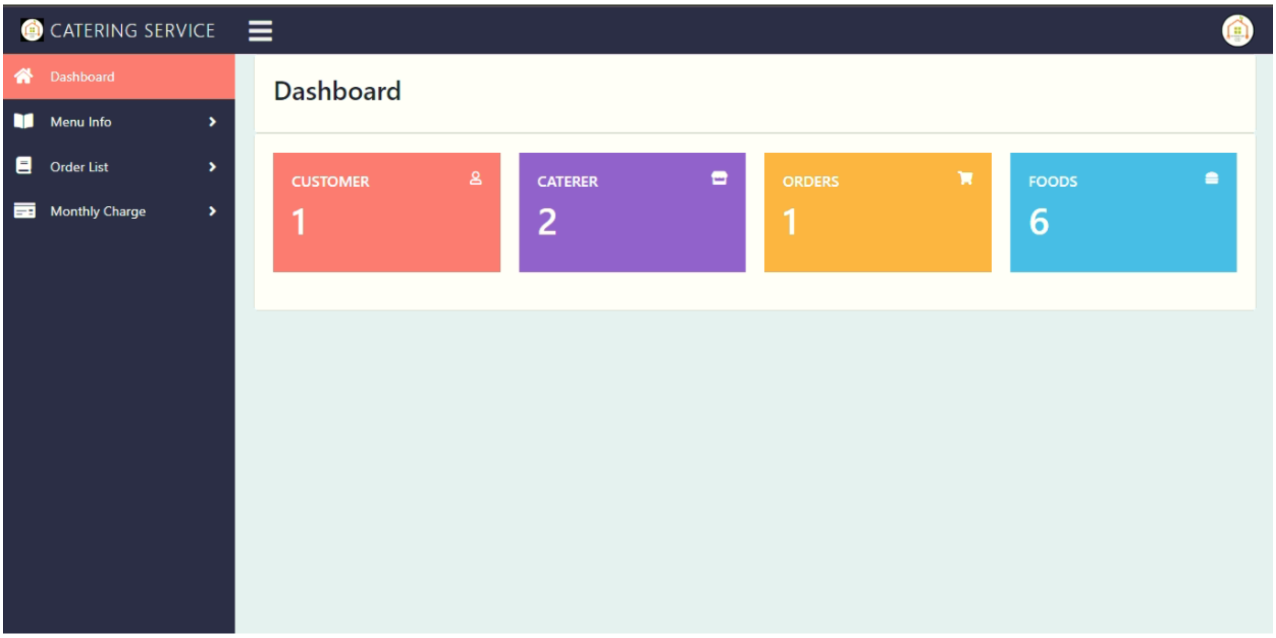


Email : admin@gmail.com
Gender : Male
Password : ********
Mobile No. : 01800112234
Date of Birth : 1996-08-02

Fig 7.11.1: Admin Profile

Caterer Panel

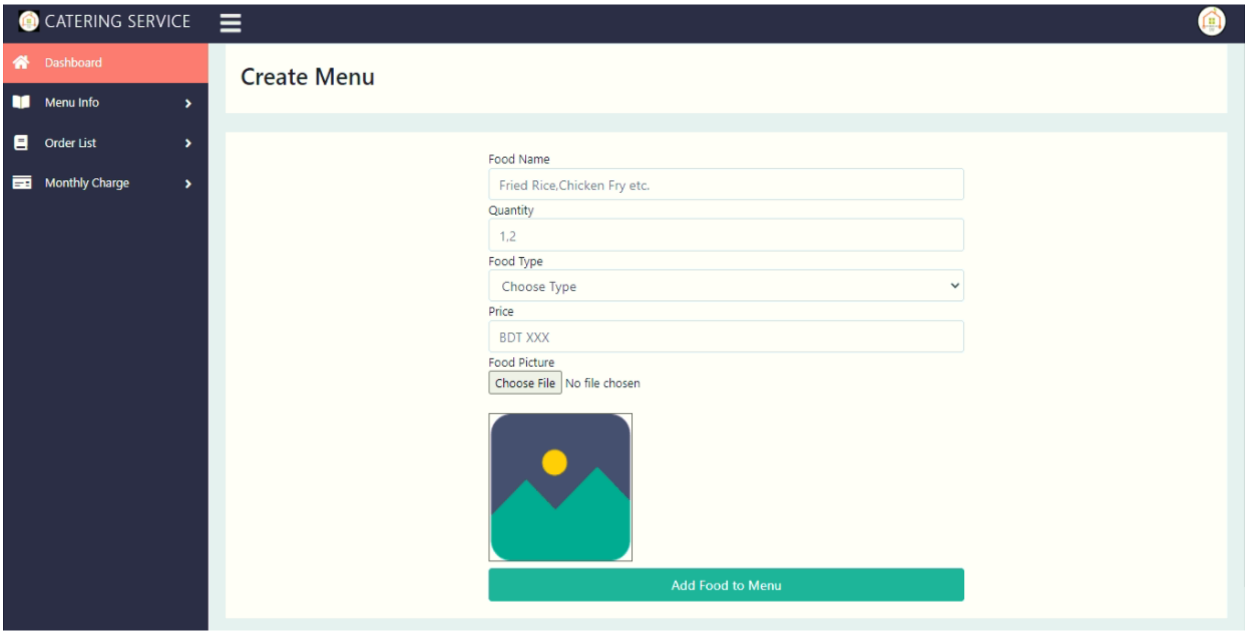
7.12 Caterer Dashboard



CUSTOMER 1
CATERER 2
ORDERS 1
FOODS 6

Fig 7.12.1: Caterer Dashboard

7.13 Add Menu



Create Menu

Food Name: Fried Rice,Chicken Fry etc.

Quantity: 1.2

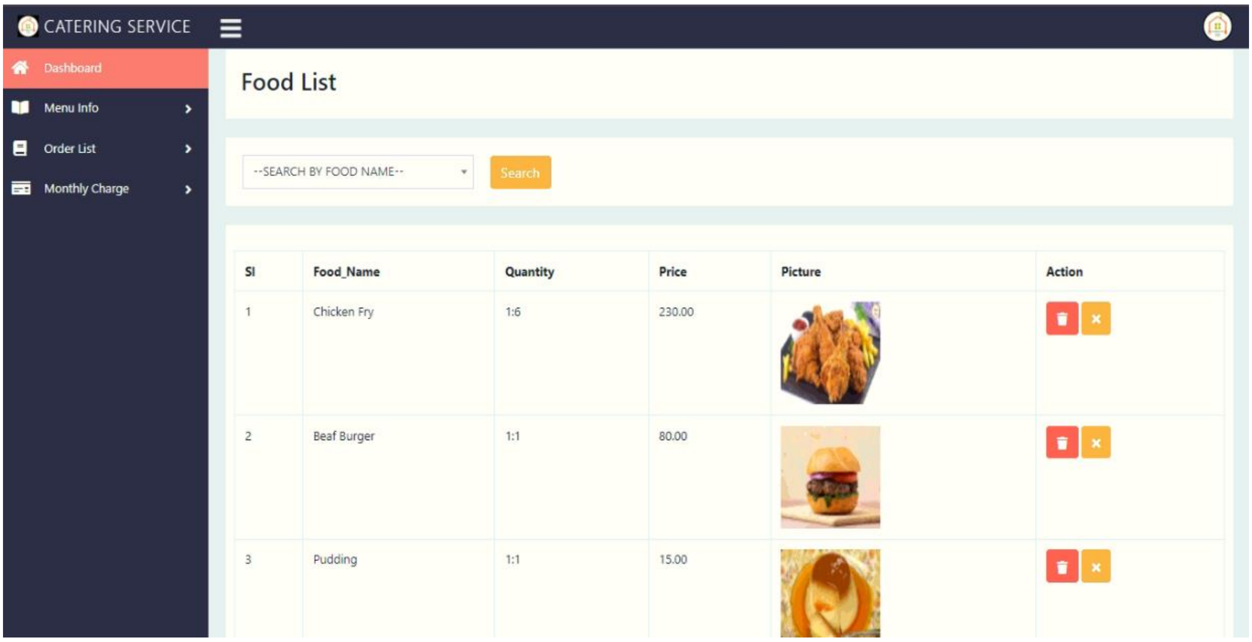
Food Type: Choose Type

Price: BDT XXX

Food Picture: No file chosen

Fig 7.13.1: Create Menu

7.14 Menu List

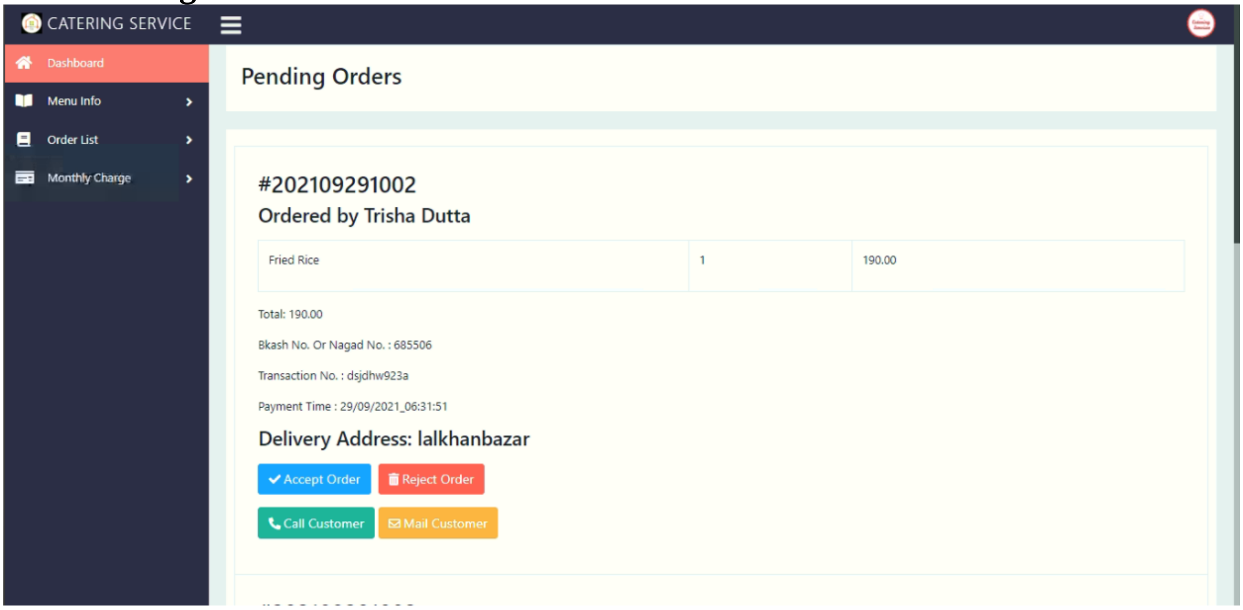


Food List

Sl	Food_Name	Quantity	Price	Picture	Action
1	Chicken Fry	1:6	230.00		
2	Beaf Burger	1:1	80.00		
3	Pudding	1:1	15.00		

Fig 7.14.1: Menu List

7.15 Pending Orders



#202109291002
Ordered by Trisha Dutta

Fried Rice	1	190.00

Total: 190.00

Bkash No. Or Nagad No. : 685506

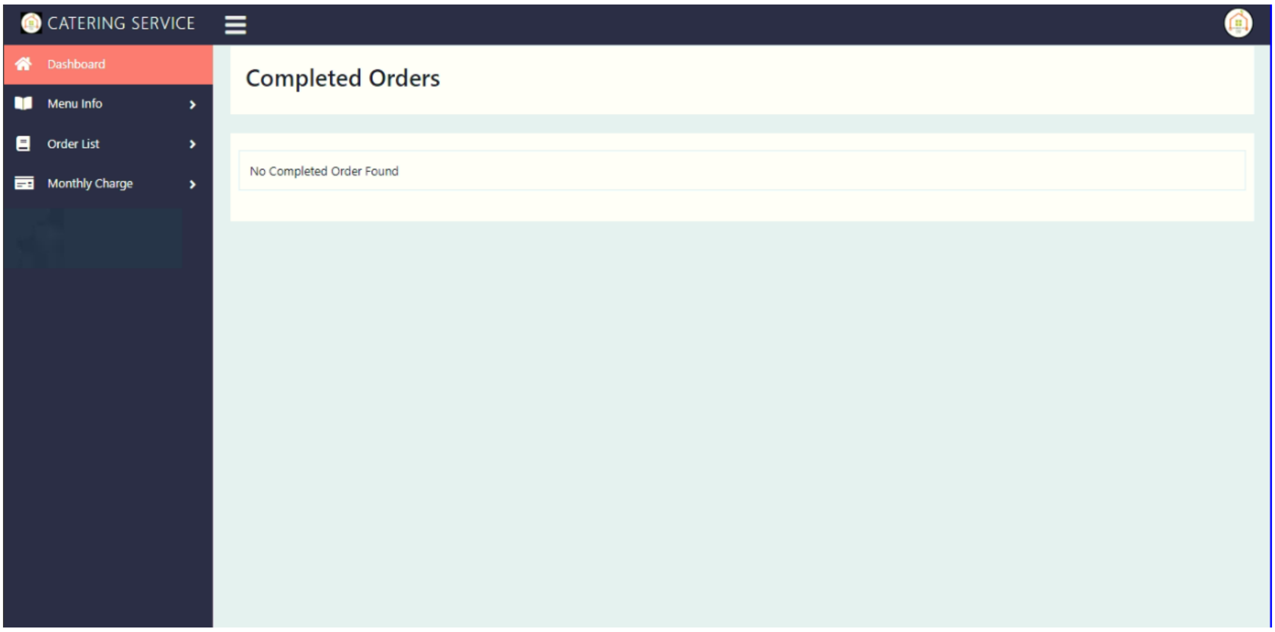
Transaction No. : dsjdhw923a

Payment Time : 29/09/2021_06:31:51

Delivery Address: lalkhanbazar

Fig 7.15.1: Pending Orders

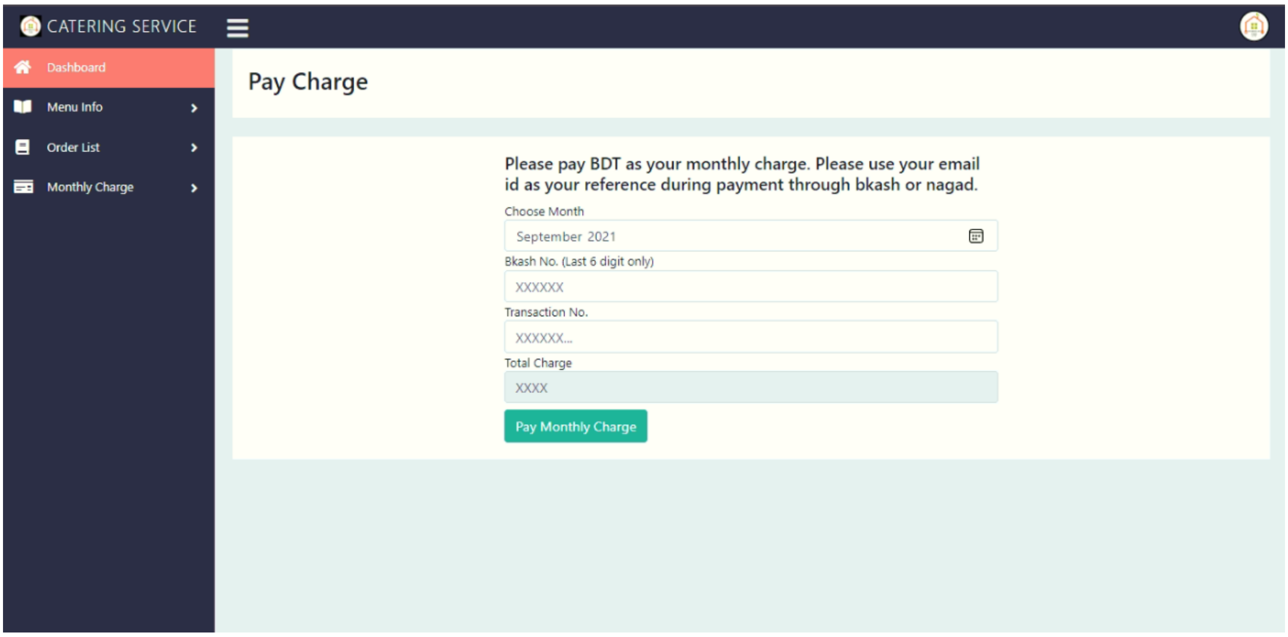
7.16 Completed Orders



No Completed Order Found

Fig 7.16.1: Completed Orders

7.17 Pay Charge



Pay Charge

Please pay BDT as your monthly charge. Please use your email id as your reference during payment through bkash or nagad.

Choose Month: September 2021

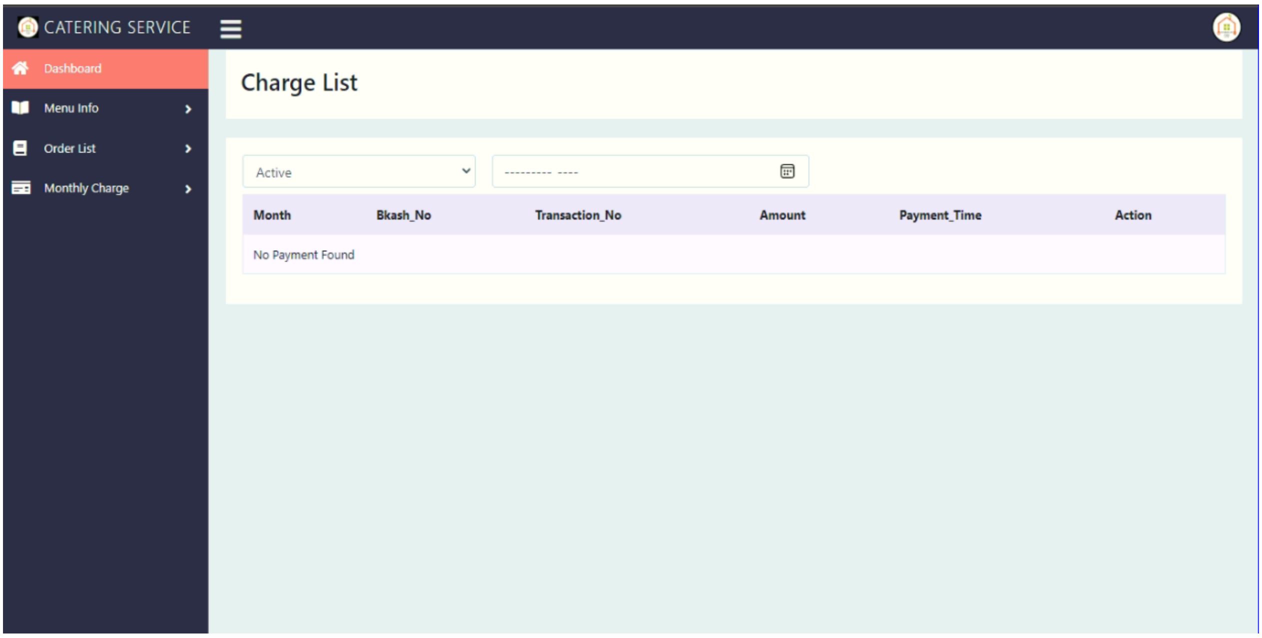
Bkash No. (Last 6 digit only): XXXXXX

Transaction No.: XXXXXX...

Total Charge: XXXX

Fig 7.17.1: Pay Charge

7.18 Charge List

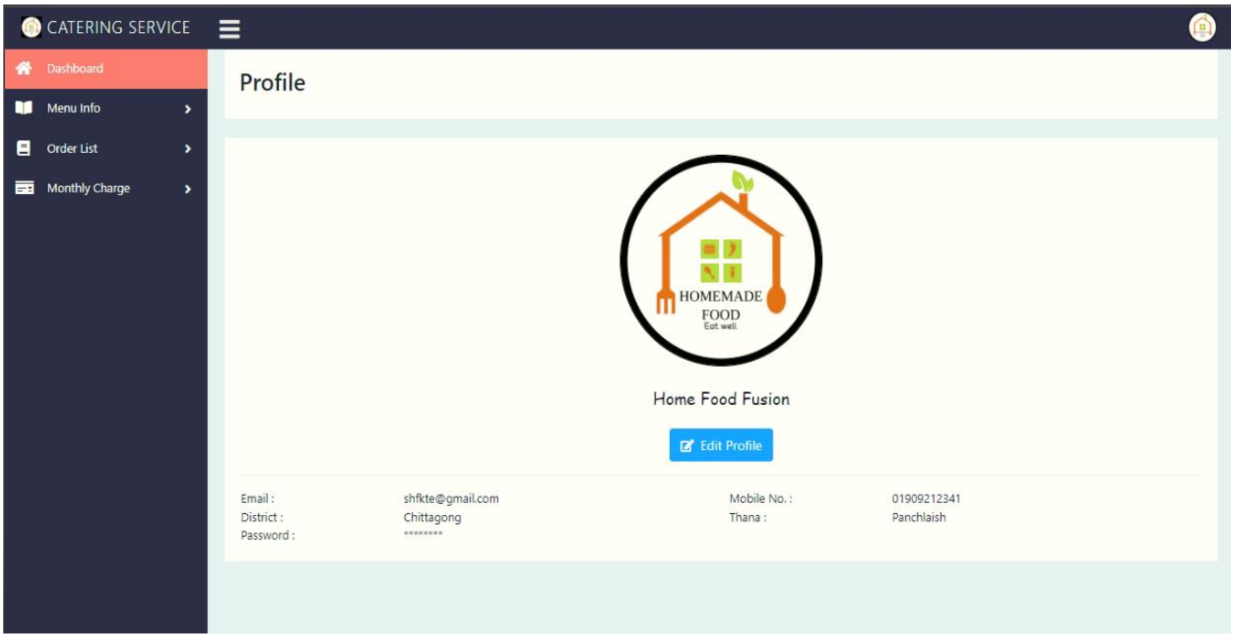


Charge List

Month	Bkash_No	Transaction_No	Amount	Payment_Time	Action
No Payment Found					

Fig 7.18.1: Charge list

7.19 Caterer Profile



Profile

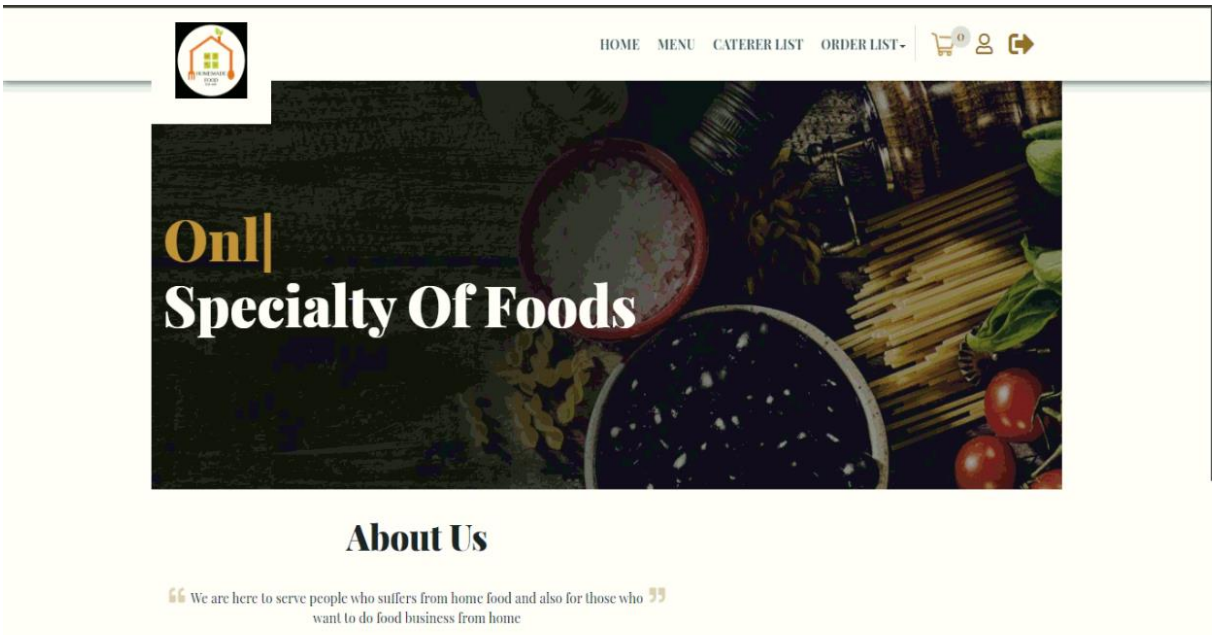
Home Food Fusion

Email :	shfkte@gmail.com	Mobile No. :	01909212341
District :	Chittagong	Thana :	Panchlaish
Password :	********		

Fig 7.19.1: Caterer Profile

Customer Panel

7.20 Home

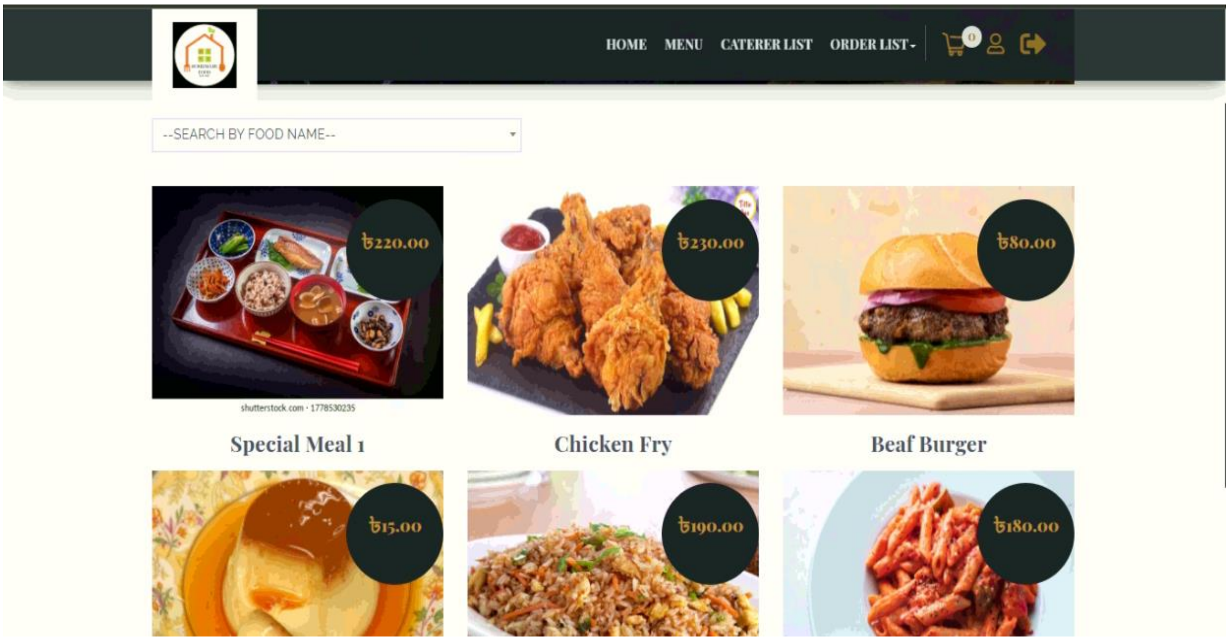


About Us

We are here to serve people who suffers from home food and also for those who want to do food business from home

Fig 7.20.1: Home page

7.21 Menu List



7.21.1: Menu List

7.22 Caterer Menu Profile

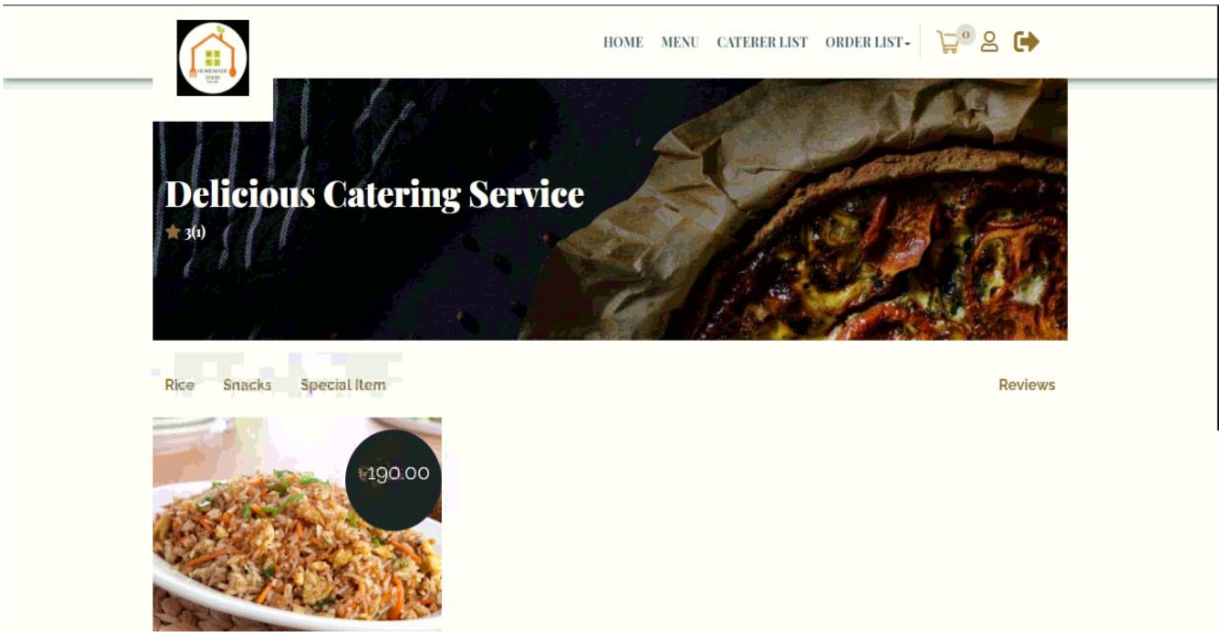
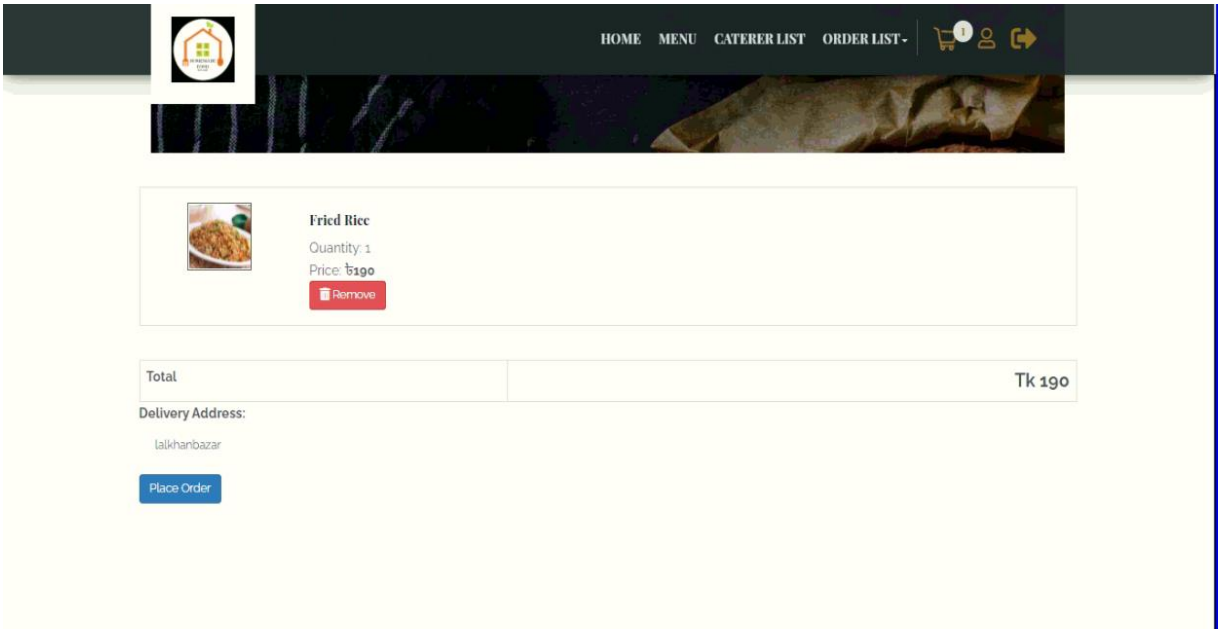


Fig 7.22.1: Caterer menu profile

7.23 View Cart



Fried Rice
Quantity: 1
Price: ৳190

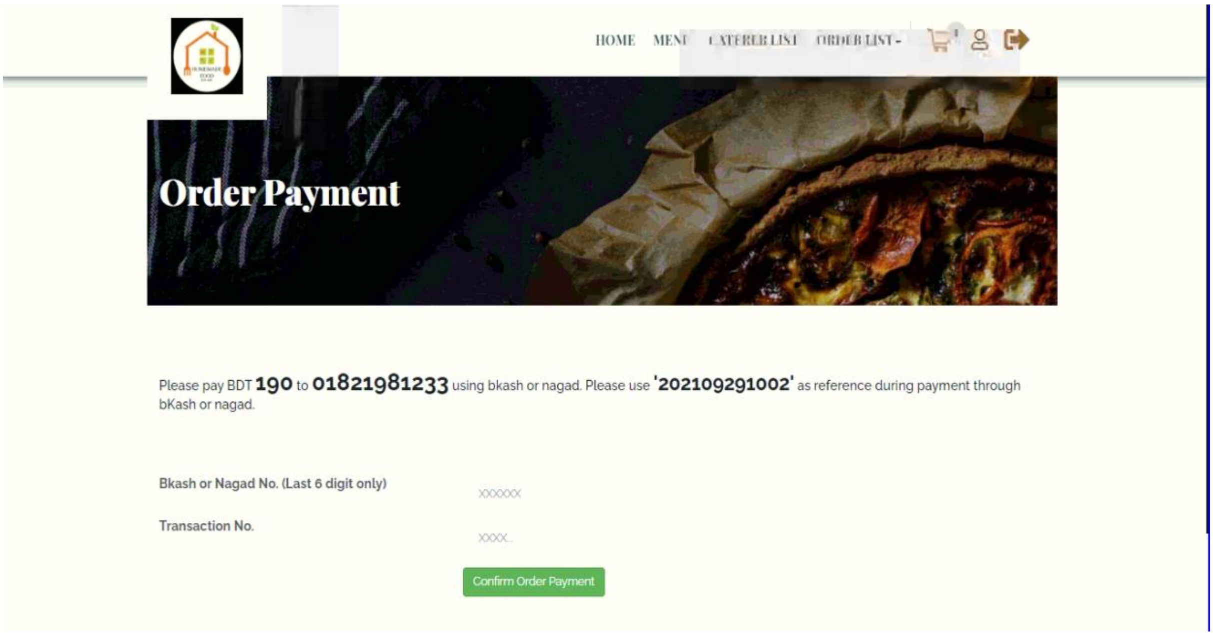
Total	Tk 190

Delivery Address:

lalkhanbazar

7.23.1: View Cart

7.24 Order Payment



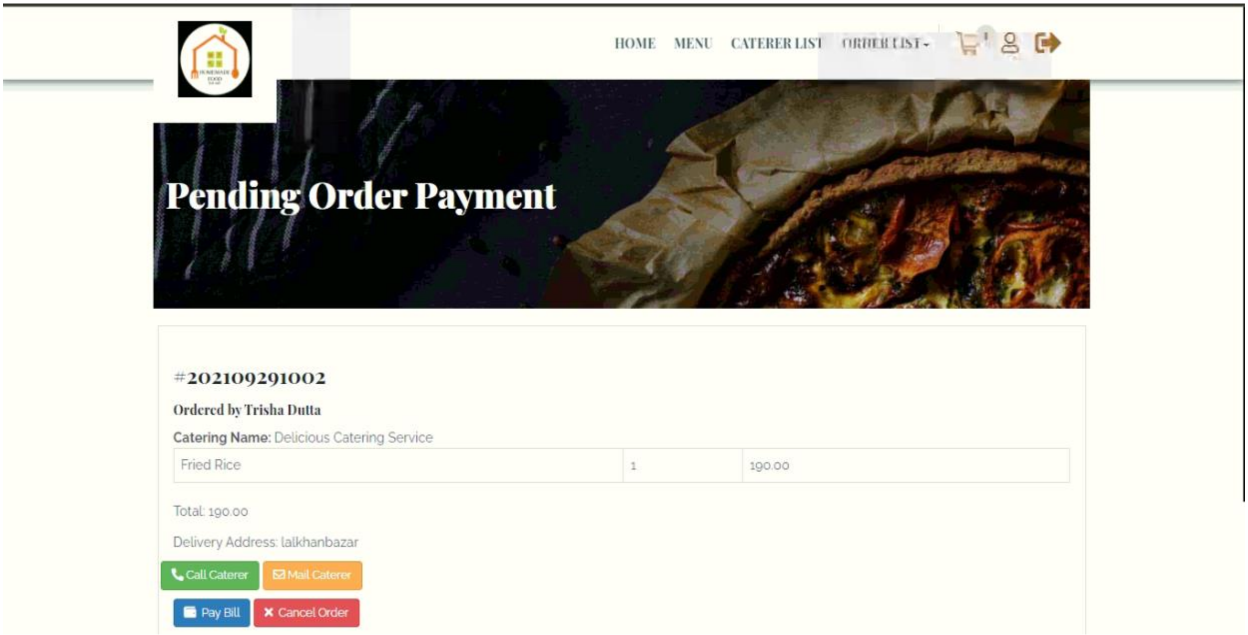
Please pay BDT 190 to 01821981233 using bkash or nagad. Please use '202109291002' as reference during payment through bKash or nagad.

Bkash or Nagad No. (Last 6 digit only)

Transaction No.

Fig 7.24.1: Order Payment

7.25 Pending Order List



Pending Order Payment

#202109291002

Ordered by Trisha Dutta

Catering Name: Delicious Catering Service

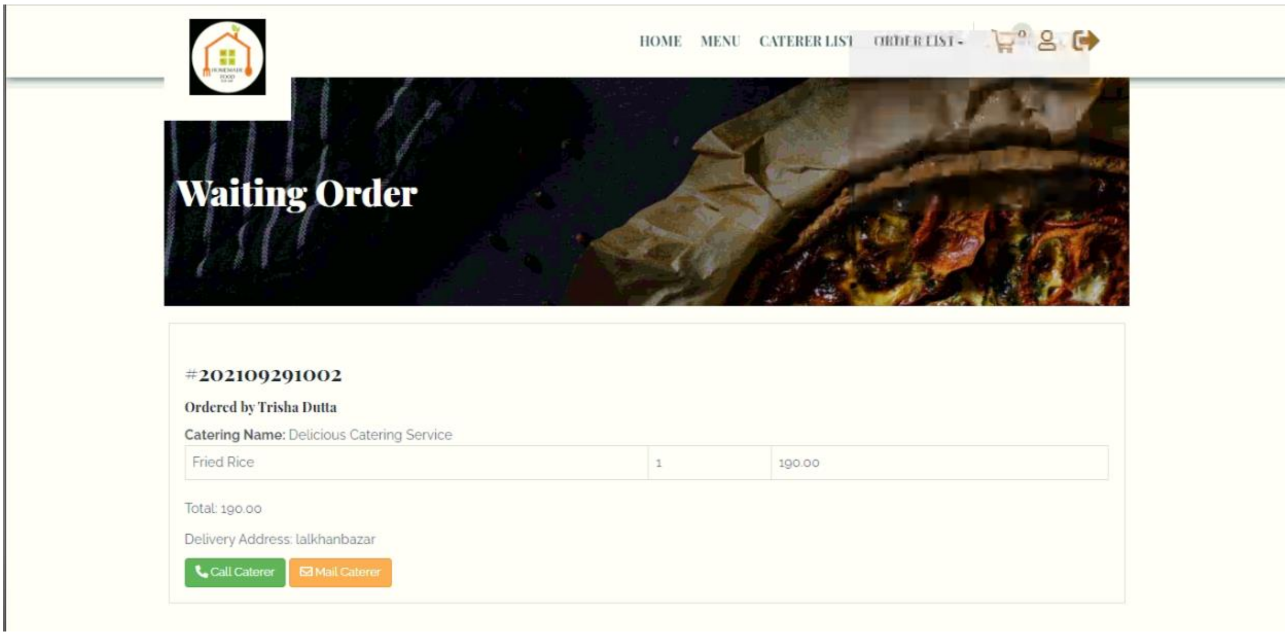
Fried Rice	1	190.00

Total: 190.00

Delivery Address: lalkhanbazar

Fig 7.25.1: Pending Order List

7.26 Waiting Order List



Waiting Order

#202109291002

Ordered by Trisha Dutta

Catering Name: Delicious Catering Service

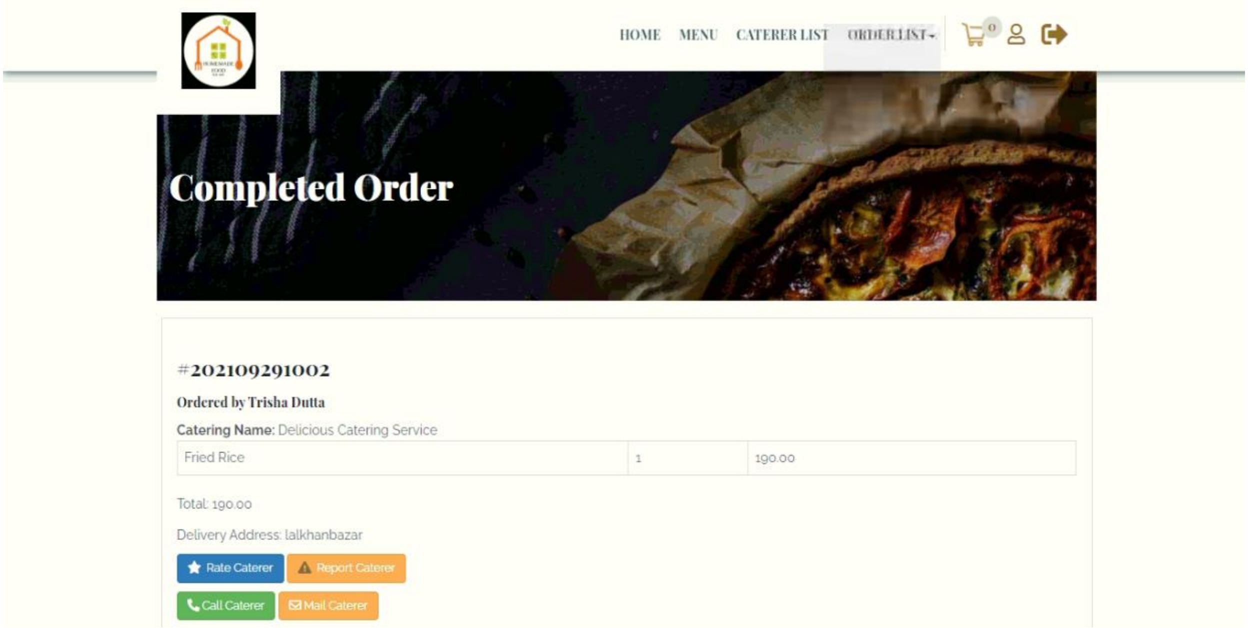
Fried Rice	1	190.00

Total: 190.00

Delivery Address: lalkhanbazar

Fig 7.26.1: Waiting Order List

7.27 Completed Order List



#202109291002

Ordered by Trisha Dutta

Catering Name: Delicious Catering Service

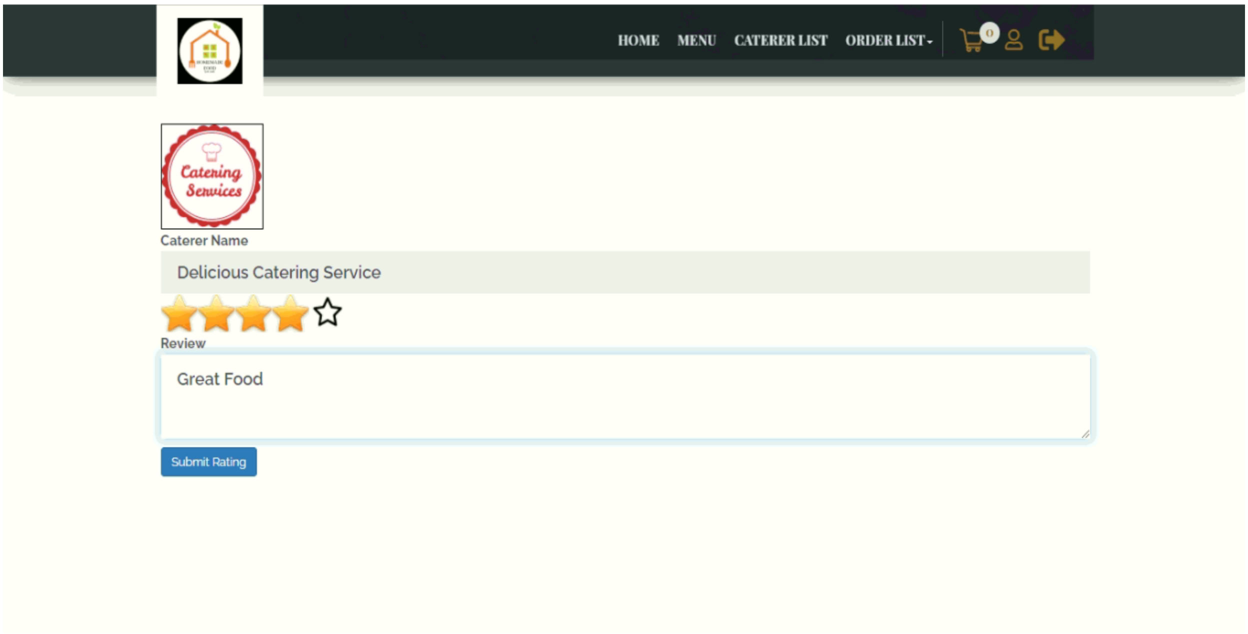
Fried Rice	1	190.00

Total: 190.00

Delivery Address: lalkhanbazar

Fig 7.27.1: Completed Order List

7.28 Rate Caterer



Caterer Name

Delicious Catering Service

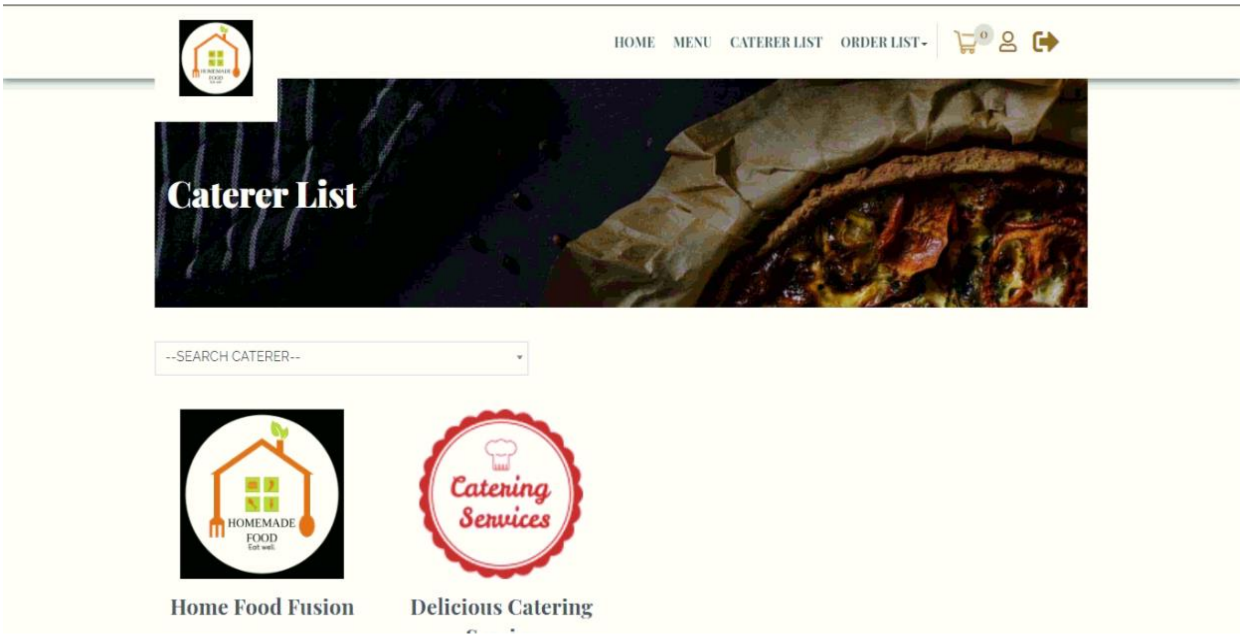
★★★★☆

Review

Great Food

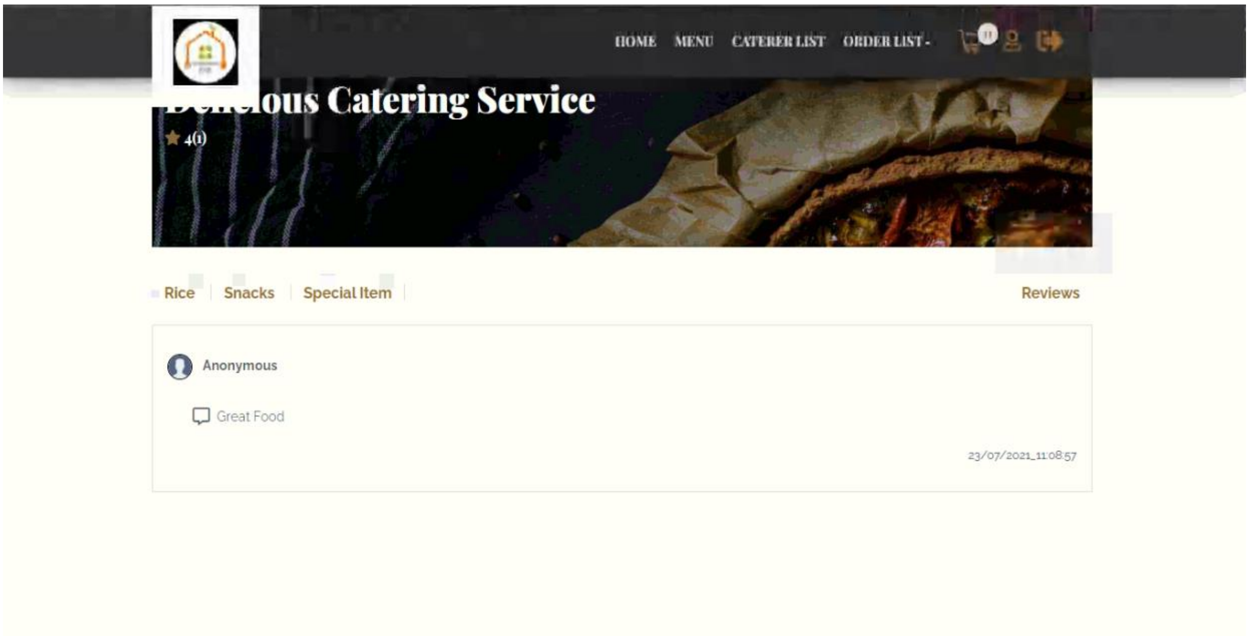
Fig 7.28.1: Rate Caterer

7.29 Caterer List



7.29.1: Caterer List

7.30 Review



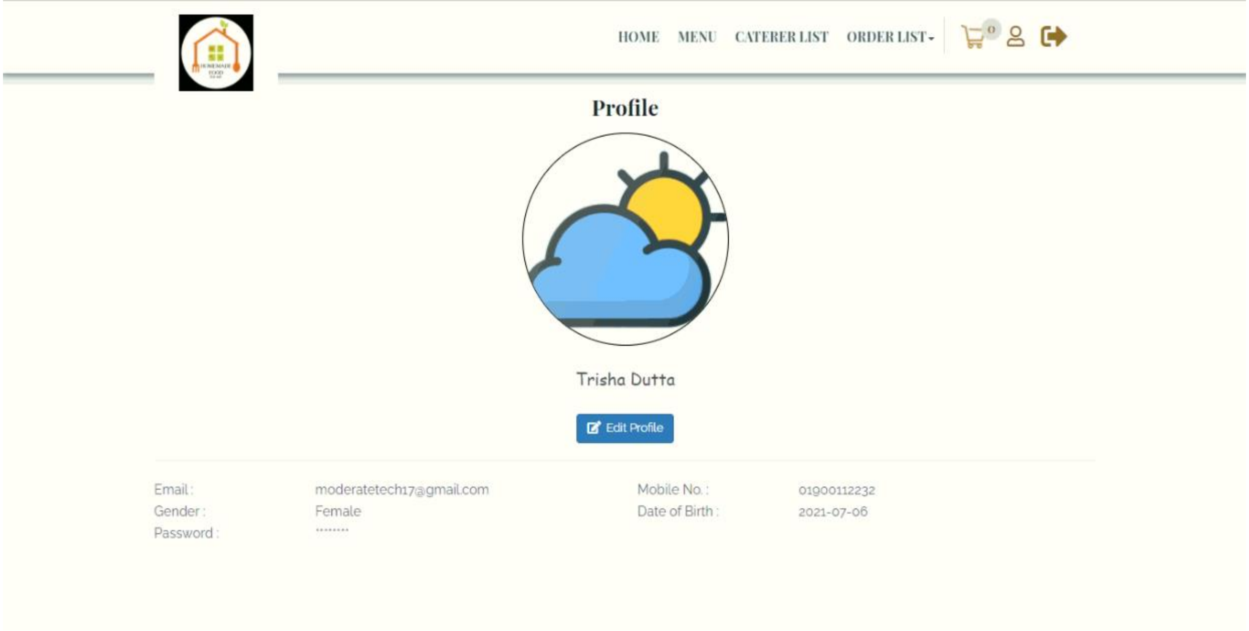
Anonymous

Great Food

23/07/2021_11:08:57

Fig 7.30.1: Review

7.31 Customer Profile



Trisha Dutta

Email : moderatetech17@gmail.com

Mobile No. : 01900112232

Gender : Female

Date of Birth : 2021-07-06

Password : ********

Fig 7.31.1: Customer Profile

CHAPTER 8

CONCLUSION

Home Made Food Delivery System is a helpful system. Now it is a demand of present time. It’ll provide some amenities like reducing waste of money and time, find good and healthy food.

8.1 Advantage of Homemade Food Delivery System

- People can find good and healthy food within affordable price
- People who can cook good can start catering business with this system
- Caterer can broad their business with this system
- Caterer who feels lack of contacts can do business here
- People can order foods from different places
- People can compare food price and quality with another caterer

8.2 Future update of Homemade Food Delivery System

In future updates, the user interface will be more attractive and intuitive. For best user experience functionalities like instant chat option will be added. bKash payment gateway will be added so that customer will be able to pay through bKash or nagad conveniently. In future updates the system will be loaded with more features and functionality. Besides the system will be more secured than ever.

CODE

```
 private Function func;
        private string id = "";
        private DataTable dataTable;
        private DataRow dataRow;

        public order_food()
        {
            func = Function.GetInstance();
        }
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                if (Request.QueryString.Count <= 0)
                {
                    Response.Redirect("/web/home.aspx");
                    return;
                }
                id = Request.QueryString["id"];
                string type = func.IsExist($"SELECT DISTINCT TOP 1 Type FROM FoodInfo
WHERE CateId='{id}' ORDER By TYPE ASC");
                LoadMenu(type);
                if (Session["dataGrid"] != null)
                {
                    gridTemp.DataSource = Session["dataGrid"];
                    gridTemp.DataBind();
                    Session["count"] = (Convert.ToInt32(gridTemp.Rows.Count)).ToString();
                }
                string rating = func.IsExist($@"SELECT SUM(Rate)/COUNT(Rate) AS Rating
FROM Rating WHERE RatedId='{id}'");
                string count = func.IsExist($@"SELECT COUNT(Rate) AS Count FROM Rating
WHERE RatedId='{id}'");
                lblRating.Text = rating + "(" + count + ")";
            }
        }

        private void LoadMenu(string type)
        {
            id = Request.QueryString["id"];
            shopName.InnerText = func.IsExist($"SELECT Name FROM Register WHERE
RegId='{id}'");
            func.LoadDataList(dataReceipeType, $"SELECT DISTINCT Type FROM
FoodInfo WHERE CateId='{id}' ORDER By TYPE ASC");
            func.LoadRepeater(menuItem, $"SELECT * FROM FoodInfo WHERE
CateId='{id}' AND Type='{type}' ORDER BY FoodName ASC");
        }
        protected void btnType_OnClick(object sender, EventArgs e)
        {
            LinkButton linkButton = (LinkButton)sender;
            HiddenField HiddenField1 =
(HiddenField)linkButton.Parent.FindControl("HiddenField1");
            LoadMenu(HiddenField1.Value);
            foodDiv.Visible = true;
            reviewDiv.Visible = false;
        }
        private void LoadSession()
        {
            if (Session["dataGrid"] == null)
            {
                dataTable = new DataTable();
                dataTable.Columns.Add("FoodId", typeof(int));
                dataTable.Columns.Add("CateId", typeof(int));
                dataTable.Columns.Add("FoodName", typeof(string));
                dataTable.Columns.Add("Quantity", typeof(int));
                dataTable.Columns.Add("Price", typeof(double));
                dataTable.Columns.Add("Picture", typeof(string));
                Session["dataGrid"] = dataTable;
                gridTemp.DataSource = Session["dataGrid"];
                gridTemp.DataBind();
                Session["count"] = "0";
            }
            else
            {
                gridTemp.DataSource = Session["dataGrid"];
                gridTemp.DataBind();
                Session["count"] = (Convert.ToInt32(gridTemp.Rows.Count)).ToString();
            }
        }
        protected void lnkAdd_OnClick(object sender, EventArgs e)
        {
            func.CheckCookies();
            LinkButton linkButton = (LinkButton)sender;
            HiddenField foodId = (HiddenField)linkButton.Parent.FindControl("foodId");
            HiddenField cateId = (HiddenField)linkButton.Parent.FindControl("CateId");
            HtmlImage imgFood = (HtmlImage)linkButton.Parent.FindControl("imgFood");
            TextBox txtQuantity = (TextBox)linkButton.Parent.FindControl("txtQuantity");
            System.Web.UI.WebControls.Label lblName =
(System.Web.UI.WebControls.Label)linkButton.Parent.FindControl("lblName");
            System.Web.UI.WebControls.Label lblPrice =
(System.Web.UI.WebControls.Label)linkButton.Parent.FindControl("lblPrice");
            ViewState["foodId"] = foodId.Value;
            ViewState["cateId"] = cateId.Value;
            ViewState["imgFood"] = imgFood.Src;
```

```
          ViewState["lblName"] = lblName.Text;
          ViewState["lblPrice"] = lblPrice.Text;
          ViewState["txtQuantity"] = txtQuantity.Text;
          LoadSession();
          CheckRow(Convert.ToInt32(ViewState["foodId"]),
Convert.ToInt32(ViewState["cateId"]));
          dataTable = new DataTable();
          dataTable = (DataTable)Session["dataGrid"];
          dataRow = dataTable.NewRow();
          dataRow["FoodId"] = ViewState["foodId"].ToString();
          dataRow["cateId"] = ViewState["cateId"].ToString();
          dataRow["Picture"] = ViewState["imgFood"].ToString();
          dataRow["FoodName"] = ViewState["lblName"].ToString();
          dataRow["Quantity"] = ViewState["txtQuantity"].ToString();
          dataRow["Price"] = (Convert.ToInt32(txtQuantity.Text) *
Convert.ToDouble(ViewState["lblPrice"])).ToString();
          dataTable.Rows.Add(dataRow);
          Session["dataGrid"] = dataTable;
          func.PopAlert(this, "Food added to cart");
          Session["count"] = (Convert.ToInt32(gridTemp.Rows.Count) + 1).ToString();
          LoadSession();

       }
       private void CheckRow(int itemSL, int cateId)
       {
          DataTable dataTable = (DataTable)Session["dataGrid"];
          gridTemp.DataSource = Session["dataGrid"];
          gridTemp.DataBind();
          int rowCount = gridTemp.Rows.Count;
          for (int j = 0; j < rowCount; j++)
          {
             string itemSerial = dataTable.Rows[j][0].ToString();
             string shopOId = dataTable.Rows[j][1].ToString();
             if (Convert.ToInt32(itemSerial) == itemSL)
             {
                dataTable.Rows[j].Delete();
                break;
             }
             if (Convert.ToInt32(shopOId) != cateId)
             {
                Session["dataGrid"] = null;
                LoadSession();
                break;
             }
          }
          dataTable = (DataTable)gridTemp.DataSource;
          Session["dataGrid"] = dataTable;
```

```
        }

        protected void btnReview_OnClick(object sender, EventArgs e)
        {
            foodDiv.Visible = false;
            reviewDiv.Visible = true;
            id = Request.QueryString["id"];
            func.LoadGrid(gridReview, $@"SELECT * FROM Rating WHERE RatedId='{id}'
ORDER By RateId DESC");
        }

        protected void gridReview_OnPageIndexChanging(object sender,
GridViewPageEventArgs e)
        {
            gridReview.PageIndex = e.NewPageIndex;
            id = Request.QueryString["id"];
            func.LoadGrid(gridReview, $@"SELECT * FROM Rating WHERE RatedId='{id}'
ORDER By RateId DESC");
        }


private Function func;

        public view_cart()
        {
            func = Function.GetInstance();
        }
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                if (Session["count"].ToString() == "0")
                {
                    Response.Redirect("/web/menu.aspx");
                }
                else if (Session["dataGrid"] != null)
                {
                    LoadFood();
                }
                else
                {
                    Response.Redirect("/web/menu.aspx");
                }
            }
        }
        private void LoadFood()
        {
            gridFood.DataSource = Session["dataGrid"];
            gridFood.DataBind();
            CalculateSum();

        }
        protected void lnkRemove_OnClick(object sender, EventArgs e)
        {
            LinkButton linkButton = (LinkButton)sender;
            HiddenField foodId = (HiddenField)linkButton.Parent.FindControl("foodId");

            int rowIndex = Convert.ToInt32(foodId.Value);
            DataTable dataTable = (DataTable)Session["dataGrid"];
            int rowCount = gridFood.Rows.Count;
            for (int j = 0; j < rowCount; j++)
            {
                string itemSerial = dataTable.Rows[j][0].ToString();
                if (Convert.ToInt32(itemSerial) == rowIndex)
                {
                    dataTable.Rows[j].Delete();
                    break;
                }
            }
            LoadFood();
            CalculateSum();
            Session["count"] = (Convert.ToInt32(gridFood.Rows.Count)).ToString();
            if (gridFood.Rows.Count <= 0)
            {
                Response.Redirect("/web/menu.aspx");
            }
        }
        private void CalculateSum()
        {
            double total = 0;
            foreach (GridViewRow gridViewRow in gridFood.Rows)
            {
                total = total +
Convert.ToDouble(((Label)gridViewRow.FindControl("lblPrice")).Text);
            }
            if (total != 0.0)
            {
                lblTotal.Text = total.ToString();
            }
            else
            {
                lblTotal.Text = "0";
            }

        }
        protected void lnkPlace_OnClick(object sender, EventArgs e)
        {
            if (txtAddress.Text == "")
            {
                func.PopAlert(this, "Delivery location is required");
            }
            else
            {
                bool ans = false;
                ViewState["invoice"] = func.GenerateInvoice(@"SELECT
Max(SUBSTRING(OrderInvoice, 9, 4)) FROM OrderList");
                foreach (GridViewRow row in gridFood.Rows)
                {
                    HiddenField foodId = (HiddenField)row.FindControl("foodId");
                    HiddenField cateId = (HiddenField)row.FindControl("cateId");
                    ViewState["cateId"] = cateId.Value;
                    Label lblQuantity = (Label)row.FindControl("lblQuantity");
                    Label lblPrice = (Label)row.FindControl("lblPrice");
                    ans =func.Execute($@"INSERT INTO
OrderList(OrderInvoice,CustId,CateId,FoodId,Quantity,Price,Total,DeliveryLocation,Status
,Ordertime)
VALUES('{ViewState["invoice"]}','{func.UserIdCookie()}','{cateId.Value}','{foodId.Value
}','{lblQuantity.Text}','{lblPrice.Text}','{lblTotal.Text}','{txtAddress.Text}','PP','{func.Dat
e()}')");
                }
                if (ans)
                {
                    func.AlertWithRedirect(this, "Order placed successfully,Please pay order price
to confirm order otherwise your order won't be visible to caterer", "/web/pay-
order.aspx?invoice="+ ViewState["invoice"].ToString() + "&cateId="+
ViewState["cateId"].ToString() + "&total=" +lblTotal.Text+"" );
                }
                else
                {
                    func.PopAlert(this, "Failed to place order");
                }
            }
        }

private Function func;
        Random random = new Random();
        public add_menu()
        {
            func = Function.GetInstance();
        }
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
```

```
            func.CheckTypeCookie(this, "Cate");
            txtFoodName.Focus();
        }
    }
    private bool IsFoodExist(string foodName)
    {
        bool ans = false;
        string x = func.IsExist($"SELECT FoodName FROM FoodInfo WHERE
FoodName='{foodName}' AND CateId='{func.UserIdCookie()}'");
        if (x != "")
        {
            ans = true;
        }
        return ans;
    }
    protected void btnAdd_OnClick(object sender, EventArgs e)
    {
        if (txtFoodName.Text == "")
        {
            func.ResponseAlert(this, "Food name is required");
            btnAdd.Focus();
        }
        else if (IsFoodExist(txtFoodName.Text))
        {
            func.ResponseAlert(this, "Food name already exist");
        }
        else if (txtQuantity.Text == "")
        {
            func.ResponseAlert(this, "Quantity is required");

            btnAdd.Focus();
        }
        else if (txtPrice.Text == "")
        {
            func.ResponseAlert(this, "Price is required");
            btnAdd.Focus();
        }
        else
        {
            string pic = "";
            if (FileFood.PostedFile != null)
            {
                string number = random.Next(111111, 999999).ToString();
                string imagePath = Server.MapPath("/photos/") + number +
FileFood.FileName + ".png";
                FileFood.PostedFile.SaveAs(imagePath);
                pic = "/photos/" + number + FileFood.FileName + ".png";
            }
```

```
                bool ans =
                    func.Execute(
                        $@"INSERT INTO
FoodInfo(FoodName,Quantity,Price,Type,Picture,InTime,CateId,Status)
VALUES('{txtFoodName.Text}','{txtQuantity.Text}','{txtPrice.Text}','{ddlFoodType.Text
}','{pic}','{func.Date()}','{func.UserIdCookie()}','A')");
                if (ans)
                {
                    func.PopAlert(this, "Food added to menu successfully");
                    Refresh();
                }
                else
                {
                    func.PopAlert(this, "Failed to add");
                }
            }
        }
        private void Refresh()
        {
            txtFoodName.Text = txtQuantity.Text = txtPrice.Text = "";
            ddlFoodType.SelectedIndex = -1;
        }
```

REFERENCES

https://www.c-sharpcorner.com/

https://stackoverflow.com/

https://themeforest.net/item/robust-responsive-bootstrap-4-admin-template-build-system/19297560
https://www.codeproject.com