

NOAKHALI SCIENCE AND TECHNOLOGY UNIVERSITY



SESSION: 2017-2018

PROJECT REPORT

ON

“RESTAURANT MANAGEMENT SYSTEM”

INSTITUTE OF INFORMATION TECHNOLOGY



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DATE OF SUBMISSION

28-09-2021

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1.Introduction

1.1 Introduction

Online Restaurant Management System is the process of ordering food from a website also booked restaurant table seat. The product can be either ready-to-eat food. The aim of developing Online Restaurant Management project is to replace the traditional way of taking orders with computerized system. Also we can booked our table easiest. Another important reason for developing this project is to prepare order summary reports quickly and in correct format at any point of time when required. Our Restaurant name is “**KHANDHANI FOODIE'S**”

Online Restaurant Management has a very lot of scope. This PHP project can be used by any restaurants or fast foods for customers for keeping their order records. This project is easy, fast and accurate. It requires less disk space. Online Restaurant Management uses MYSQL Server as backend so there is not any chance of data loss or data security. A customer can choose to have the food delivered or for pick-up. The process consists of a customer choosing the restaurant of their choice, scanning the menu items, choosing an item, and finally choosing for pick-up or delivery. Payment is then administered by paying with a credit card or debit card through the app or website or in cash at the restaurant when going to pickup. The website and app inform the customer of the food quality, duration of food preparation, and when the food is ready for pick-up or the amount of time it will take for delivery

1.2 Objective

The main objective of this system is to manage the details of item category, food, delivery address, order, delivery boys details, user's details and shopping cart. It manages all the information about item category, customer, shopping cart, item category. The project is totally built at administrative end and thus only the administrator is guaranteed the access for any changes, user's can just login there account's and enjoy there foods. The purpose is to build and application program to reduce the managing the item category, food customers. It tracks all he delivery address ordered. The following are the objectives this would bring:

- ✓ The home page of this web interfile provides an avenue where customers will be able to gather more and reliable information about our restaurant.

- ✓ The products and services offered would provide the customers with all the different categories of available products that they can choose and select from.
- ✓ This will provide a user friendly environment between the customer, delivery boy and administrator thus increasing the efficiency of the food ordering system.
- ✓ There will also be an online purchase form with which valued customers will be using to get in touch with any of their request whenever the need arises.
- ✓ It will also help for easy retrieval of orders made by the customers.

1.3 Needs of Online Restaurant Management System

Helps customer to order their food at any time. The customers will be able to order their favorite dishes at any point of time, and as we have pointed out earlier, that time is a minimal option, and restaurants must have a specified system through which they can serve a huge number of customers while making their work smoother. Khandani Foodies is one of the best platforms which provides all of these platforms along with numerous innovative features which has turned countless small and large businesses into an inspiring leader in the online marketplace.

1.4 Scope of the project

In this project, a Online restaurant is designed to enable customers order for food, can booked table and get it delivered accordingly and also to reduce the long queues of customers at the counter ordering for food and to reduce the work lord on the employees. The following things are among other things that are discussed and what the website would handle:

- ✓ About KHANDHANI FOODIE'S
- ✓ The food and the services offered there
- ✓ Online purchase
- ✓ Type of food provided

1.5 Overview of Document

In **chapter 1** we talk about basic things of our project report, what is online restaurant management system, scope of this project, objective of this document etc. we also give an overall preview of this document in this chapter.

In **Chapter 2** we describe how we analysis the system model, which model we follow to do this project. According to the software development life cycle we follow the waterfall model for

complete our project.

In **Chapter 3** we describe the requirements gathering procedure and its constraints. Methodological explanation of the project battered near peripheral viewers. This section includes information such as data requirements, functional requirements and an over-all narrative of the system and its interaction with users from the perspective of the customer.

In **Chapter 4** we describe the system design parts designed by unified model language, we fully document this part to understand easily for the users.

In **Chapter 5** we discuss and give some tables structures and screenshots of our system for the form design and helps customer to use this system easily.

In **Chapter 6** we describe the maintenance procedure of this project. We also discuss about the activities and problem phases of maintenance.

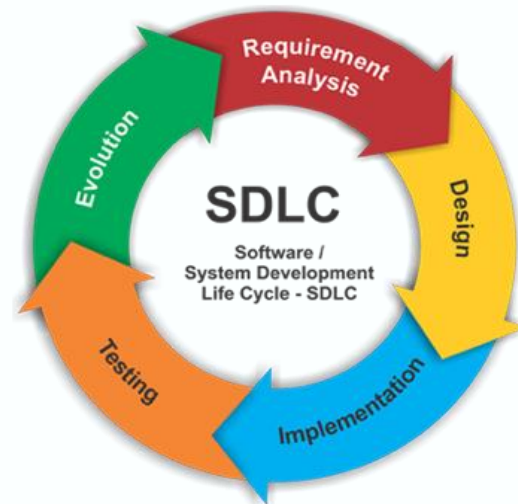
In **Chapter 7** Provide live screenshot's of this project.

Finally at the end in **Chapter 8** we give the conclusion of this document and talk about limitations and future plans what we will implement in future we hope so

2. Software Development Life Cycle

1. SDLC

The software industry includes many different processes, for example, analysis, development, maintenance and publication of software. This industry also includes software services, such as training, documentation, and consulting. Our focus here about software development life cycle (SDLC). So, due to that different types of projects have different requirements. Therefore, it may be required to choose the SDLC phases according to the specific needs of the project. These different requirements and needs give us various software development approaches to choose from during software implementation



2. Waterfall Model Design

As Waterfall Model is more traditional and easy to gather requirements and analyzing system, so we choose this model according to complete this project. This technique works well for big projects that may take numerous months to progress.

The Waterfall Model was first Process Model to be introduced. It is also referred to as a linear-sequential life cycle model. It is very simple to understand and use. In a waterfall model, each phase must be completed before the next phase can begin and there is no overlapping in the phases. Waterfall model is the earliest SDLC approach that was used for software development. The waterfall Model illustrates the software development process in a linear sequential flow; hence it is also referred to as a linear-sequential life cycle model. This means that any phase in the development process begins only if the previous phase is complete. In waterfall model phases do not overlap. Waterfall approach was first SDLC Model to be used widely in Software Engineering to ensure success of the project. In "The Waterfall" approach, the whole process of software development is divided into separate phases. In Waterfall model, typically, the outcome of one phase acts as the input for the next phase sequentially. Following is a diagrammatic representation of different phases of waterfall model

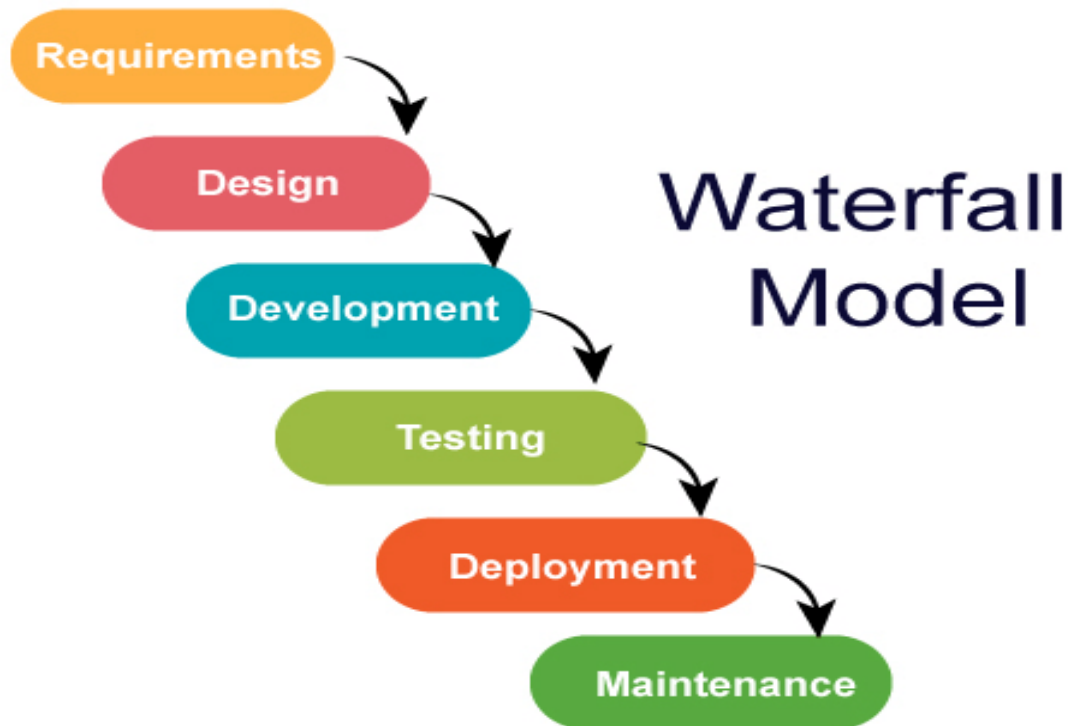


Figure 2. Waterfall Model

3. Waterfall Model Phases

The sequential phases in Waterfall model are:

- 1.Requirement Gathering and analysis:** All possible requirements of the system to be developed are captured in this phase and documented in a requirement specification doc.
- 2. System Design:** The requirement specifications from first phase are studied in this phase and system design is prepared. System Design helps in specifying hardware and system requirements and also helps in defining overall system architecture.
- 3.Implementation:** With inputs from system design, the system is first developed in small programs called units, which are integrated in the next phase. Each unit is developed and tested for its functionality which is referred to as Unit Testing.
- 4.Integration and Testing:** All the units developed in the implementation phase are integrated into a system after testing of each unit. Post integration the entire system is tested for any faults and failures.
- 5.Deployment of system:** Once the functional and non-functional testing is done, the product is deployed in the customer environment or released into the market.
- 6.Maintenance:** There are some issues which come up in the client environment. To fix those

issues patches are released. Also to enhance the product some better versions are released. Maintenance is done to deliver these changes in the customer environment.

All these phases are cascaded to each other in which progress is seen as flowing steadily downwards (like a waterfall) through the phases. The next phase is started only after the defined set of goals are achieved for previous phase and it is signed off, so the name "Waterfall Model". In this model phases do not overlap.

3. Requirement Analysis

1. What is Requirement Analysis?

Requirements analysis in systems engineering and software engineering, encompasses those tasks that go into determining the needs or conditions to meet for a new or altered product or project, taking account of the possibly conflicting requirements of the various stakeholders, analyzing, documenting, validating and managing software or system requirements. Requirements analysis is critical to the success or failure of a systems or software project. The requirements should be documented, actionable, measurable, testable, traceable, related to identified business needs or opportunities, and defined to a level of detail sufficient for system design.

2. System Requirements:

Our system can be used in windows XP, windows 7, and windows 8 with 32 bit, and 64 bit operating system and also supported for other platform such as Linux OS X.

- ✓ For Windows XP based computers, a 486 / 66 MHz or higher processor with 8 MB.
- ✓ For Windows 7 and Windows 8 based computers, higher processor with 2 GB ram.

3. Software Requirements:

- ✓ **Web server software:** Apache Tomcat, Xampp.
- ✓ **Tools:** Atoms
- ✓ **Server side scripting tool:** PHP-5.6.
- ✓ **Database tools:** MYSQL DBMS.
- ✓ **Compatible operating system:** Windows, Mac, Android.
- ✓ **Front end design tool:** Html5, CSS3, Java script, Bootstrap, J Query.
- ✓ **Software tools:** Revolution Slider

4. Hardware Requirements:

- ✓ Hardware recommend by all the software needed.

- ✓ **RAM:** 256MB or more
- ✓ **Hard Drive:** 10 GB or more
- ✓ Communication hardware to serve client request

5. User Requirements:

To deliver the best service to the users we tried to find out the users necessities which are below:

1. Administrator Aspect:

- ✓ Monitoring the whole system from admin panel.
- ✓ Taking back up of the database.
- ✓ Creating, deleting and modifying the records.
- ✓ Add users for the admin panel.
- ✓ Keeping the customer's record like their details.
- ✓ Organizing their member registration system.
- ✓ Approve the notice to post.
- ✓ Monitoring the transaction system.
- ✓ Monitoring the customer's review.
- ✓ Monitoring delivery boy.
- ✓ Monitoring

2. Customer Aspect:

- ✓ Signing in and signing up to the system.
- ✓ Changing their password.
- ✓ Resetting forgot password.
- ✓ Order Food
- ✓ Track delivery Boy.

3. Delivery Boy Aspect

- ✓ Signing in and signing up to the system.
- ✓ Changing their password.
- ✓ Resetting forgot password.
- ✓ Share Location
- ✓ Manage Current Assign Order.

6. Functional Requirements

In Software engineering and systems engineering, a functional requirement defines a function of

a system or its component. A function is described as a set of inputs, the behavior, and outputs. Functional requirements may be calculations, technical details, data manipulation and processing and other specific functionality that define what a system is supposed to accomplish. Behavioural requirements describing all the cases where the system uses the functional requirements are captured in use cases. Functional requirements are supported by non-functional requirements (also known as quality requirements), which impose constraints on the design or implementation (such as performance requirements, security, or reliability). Generally, functional requirements are expressed in the form "system must do ", while non-functional requirements are "system shall be ". The plan for implementing functional requirements is detailed in the system design. The plan for implementing non-functional requirements is detailed in the system architecture. As defined in requirements engineering, functional requirements specify particular results of a system. This should be contrasted with non-functional requirements which specify overall characteristics such as cost and reliability. Functional requirements drive the application architecture of a system, while non-functional requirements drive the technical architecture of a system .

7. Non-functional Requirements

In systems engineering and requirements engineering, a non-functional requirement is a requirement that specifies criteria that can be used to judge the operation of a system, rather than specific behaviors. They are contrasted with functional requirements that define specific behavior or functions. The plan for implementing functional requirements is detailed in the system design. The plan for implementing non-functional requirements is detailed in the system architecture, because they are usually Architecturally Significant Requirements.

4.SYSTEM DESIGN

1. Use-Case Diagram for Online Restaurant Management System

In software and systems engineering, a use case is a list of actions or event steps, typically defining the interactions between a role and a system, to achieve a goal.

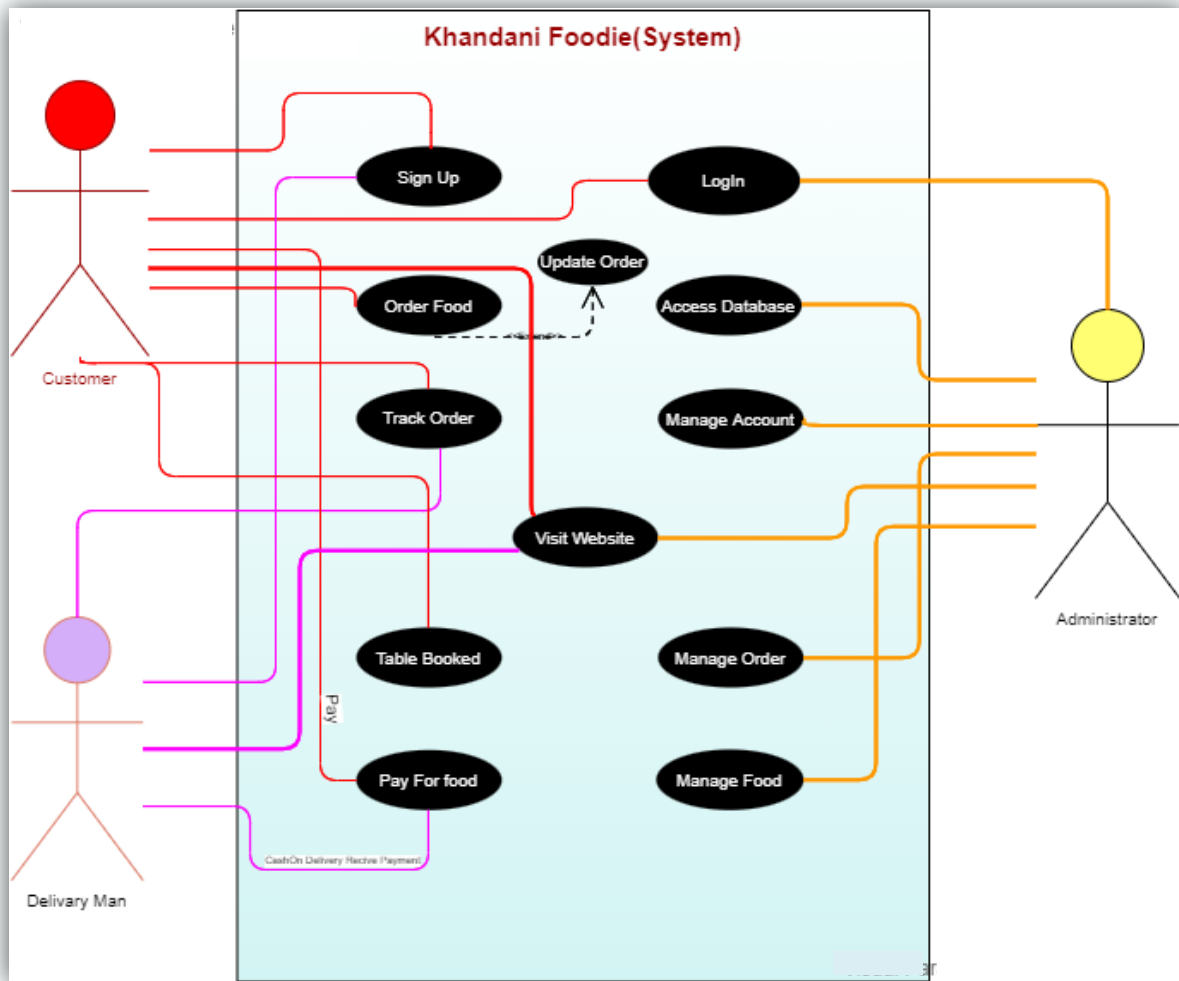


Figure : Use Case Diagram For Restaurant Management System

2. Class Diagram of Online Restaurant Management System

A class diagram is a diagram used in designing and modeling software to describe classes and their relationships. ... The diagram shows the names and attributes of the classes, connections between the classes, and sometimes also the methods of the classes.

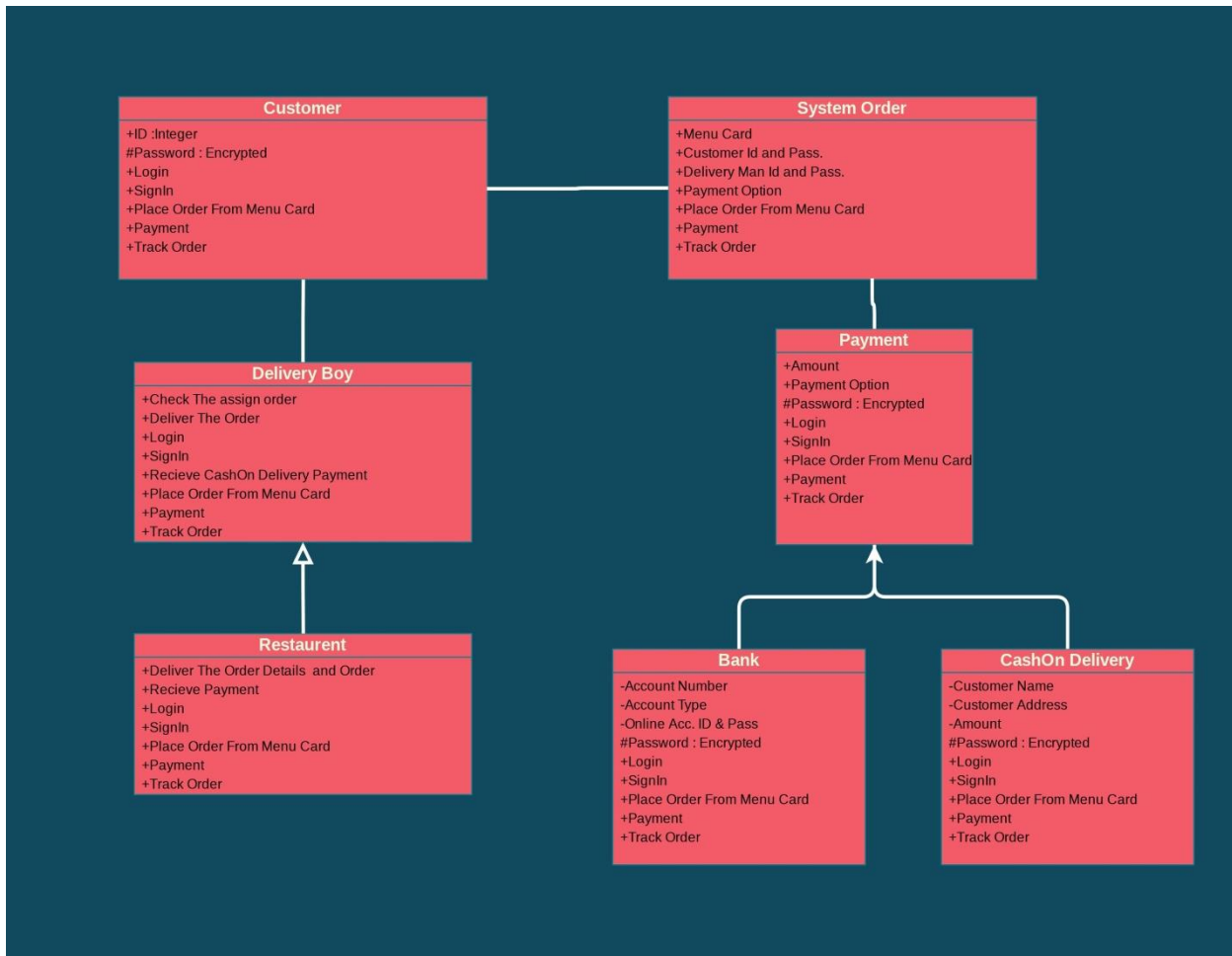


Figure: Class Diagram of Online Restaurant Management System

3. Sequence Diagram

A Sequence diagram is an interaction diagram that shows how objects operate with one another and in what order. It is a construct of a message sequence chart. A sequence diagram shows object interactions arranged in time sequence

1. Sequence Diagram for Customer

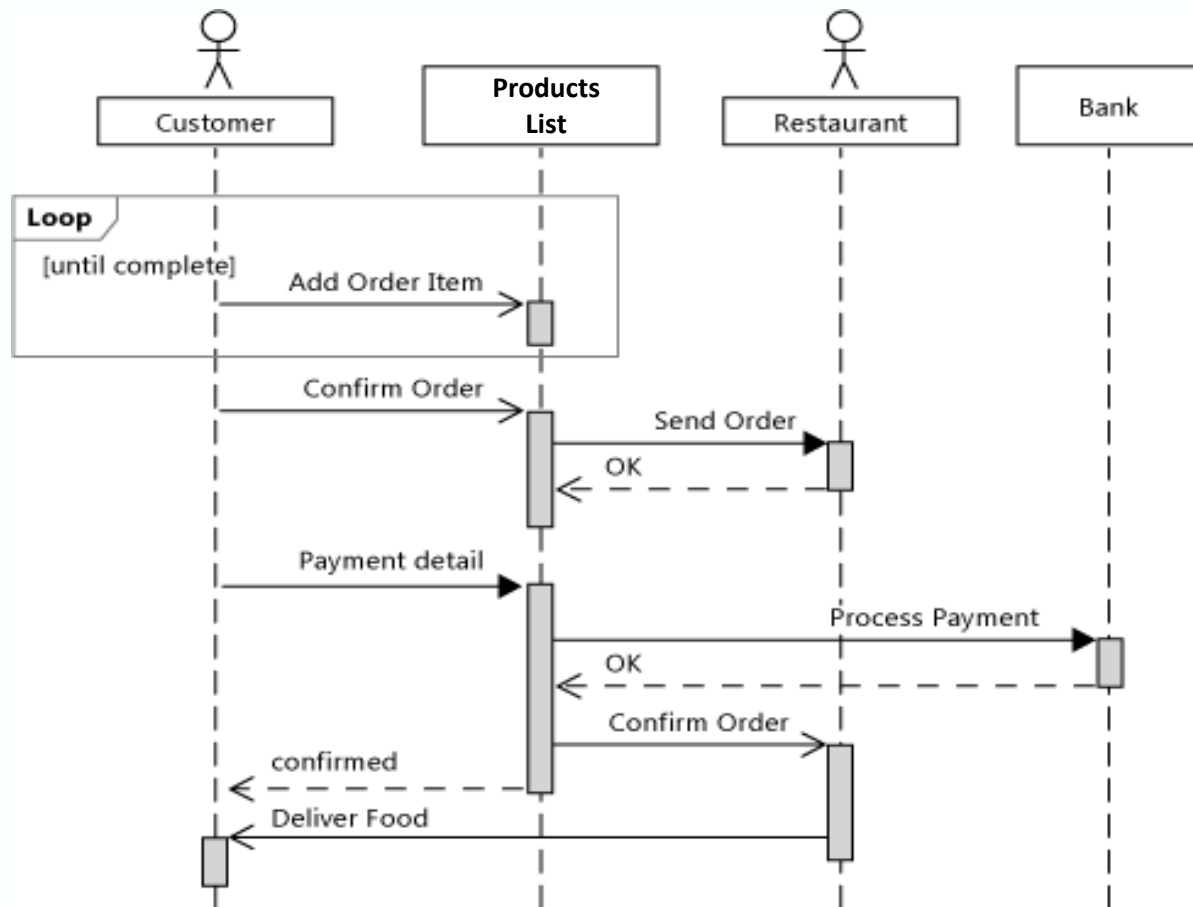


Figure :Sequence Diagram for Customer

4. Entity-Relationship Model

An entity-relationship diagram (ERD) is a data modelling technique that graphically illustrates an information system's entities and the relationships between those entities. An ERD is a conceptual and representational model of data used to represent the entity framework infrastructure.

1. Entity-Relational Diagram for Online Restaurant Management System

An entity-relationship diagram (ERD) is a data modeling technique that graphically illustrates an information system's entities and the relationships between those entities. An ERD is a conceptual and representational model of data used to represent the entity framework infrastructure.

Khandani Foodie's Online Based Restaurant

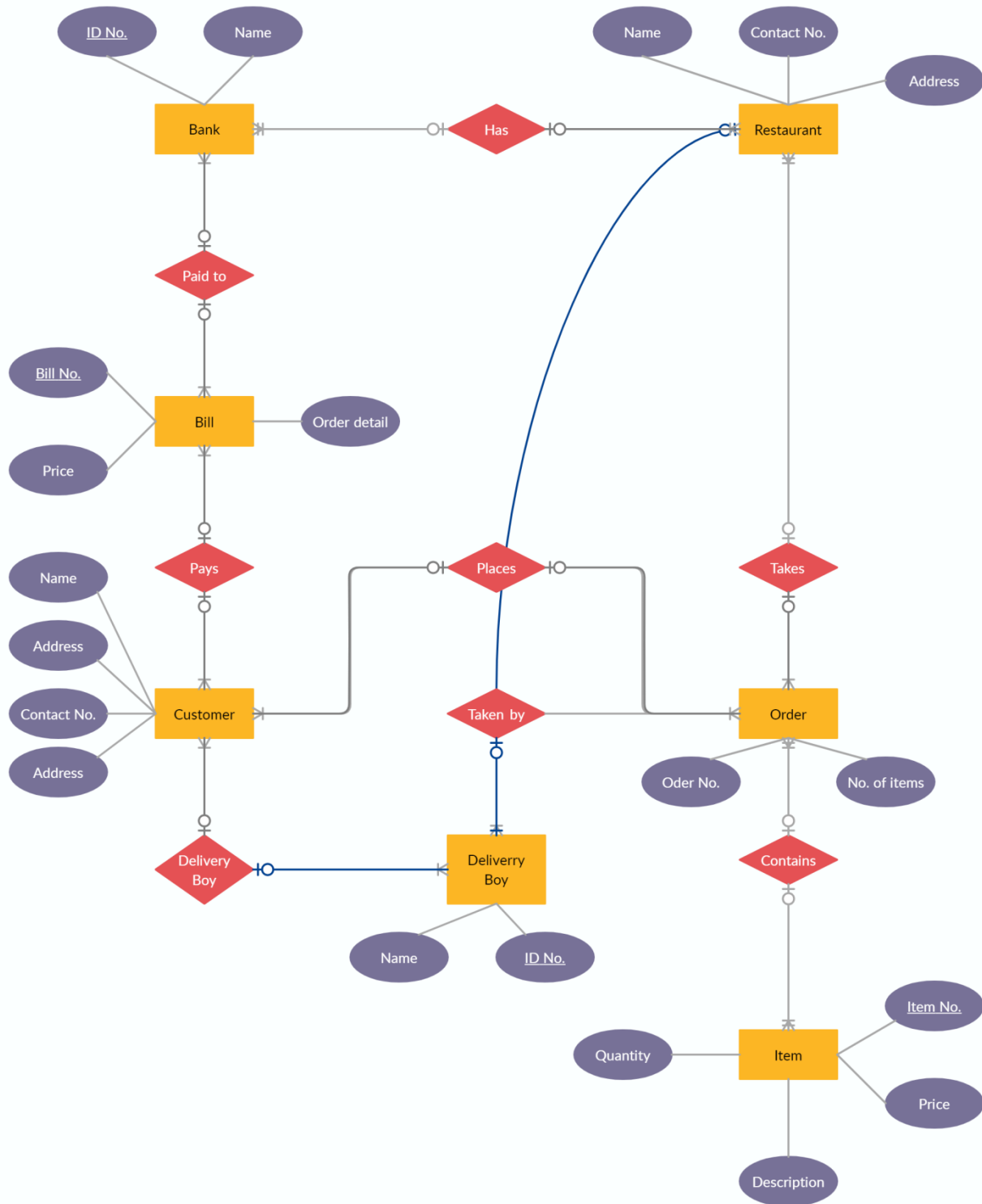


Figure: Entity-Relational Diagram for Online Restaurant Management System

5. Data Definitions And Form Design

1. Data Definition

This section describes the tables those are used in the online restaurant management system.

In this Section We Show Database Restaurant Online Management System Table.

2. Table Structure For Full Database

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> admin	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> assign	★ Browse Structure Search Insert Empty Drop	8	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> bookedseat	★ Browse Structure Search Insert Empty Drop	32	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> cart	★ Browse Structure Search Insert Empty Drop	10	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> category	★ Browse Structure Search Insert Empty Drop	8	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> customer	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> deleveryman	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> food	★ Browse Structure Search Insert Empty Drop	13	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> order	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> review	★ Browse Structure Search Insert Empty Drop	7	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> seeorders	★ Browse Structure Search Insert Empty Drop	55	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> tables	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> tracker	★ Browse Structure Search Insert Empty Drop	8	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> users	★ Browse Structure Search Insert Empty Drop	9	InnoDB	utf8_general_ci	16.0 KiB	-
Sum		155	InnoDB	utf8mb4_general_ci	224.0 KiB	0 B

Here all our data stored.

3. Table Structure For Admin Data

Showing rows 0 - 0 (1 total, Query took 0.0007 seconds.)

```
SELECT * FROM `admin`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	id	name	email	password
<input type="checkbox"/> Edit Copy Delete	1	Admin	admin@gmail.com	12345

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table

4. Table Structure For Assign Delivery Boy

Khandani Foodie's Online Based Restaurant

SELECT * FROM `assign`

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				id	orderid	deliEmail	assign_at
<input type="checkbox"/>				1	0		2021-09-10 01:13:57
<input type="checkbox"/>				2	9	delivery@gmail.com	2021-09-10 01:18:18
<input type="checkbox"/>				3	14	delivery@gmail.com	2021-09-10 02:10:49
<input type="checkbox"/>				4	15	salsabil@gmail.com	2021-09-10 11:55:43
<input type="checkbox"/>				5	18	salsabil@gmail.com	2021-09-10 20:29:14
<input type="checkbox"/>				6	20	delivery@gmail.com	2021-09-11 13:56:17
<input type="checkbox"/>				7	17	salsabil@gmail.com	2021-09-24 22:54:53
<input type="checkbox"/>				8	12	delivery@gmail.com	2021-09-24 22:54:55

5. Table Structure For Booked Table Seat

SELECT * FROM `bookedseat`

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				id	table_id	email	booked_for	booked_at
<input type="checkbox"/>				46	001-(4 people)	tahrimkabr321@gmail.com	2021-09-24 17:53:00	2021-09-09 17:53:33
<input type="checkbox"/>				47	001-(4 people)	tahrimkabr321@gmail.com	2021-09-09 20:54:00	2021-09-09 17:54:28
<input type="checkbox"/>				48	001-(4 people)	tahrimkabr321@gmail.com	2021-10-02 17:55:00	2021-09-09 17:55:05
<input type="checkbox"/>				49	001-(4 people)	tahrimkabr321@gmail.com	2021-09-11 17:55:00	2021-09-09 17:55:39
<input type="checkbox"/>				50	001-(4 people)	tahrimkabr321@gmail.com	2021-09-11 17:56:00	2021-09-09 17:56:38
<input type="checkbox"/>				51	001-(4 people)	tahrimkabr321@gmail.com	2021-09-25 17:58:00	2021-09-09 17:58:27
<input type="checkbox"/>				52	001-(4 people)	tahrimkabr321@gmail.com	2021-10-03 17:58:00	2021-09-09 17:58:57
<input type="checkbox"/>				53	001-(4 people)	tahrimkabr321@gmail.com	2021-10-02 17:59:00	2021-09-09 17:59:16
<input type="checkbox"/>				54	001-(4 people)	tahrimkabr321@gmail.com	2021-09-25 18:00:00	2021-09-09 18:00:27
<input type="checkbox"/>				55	001-(4 people)	tahrimkabr321@gmail.com	2021-09-18 18:00:00	2021-09-09 18:00:50

6. Table Structure For Adding Cart

Showing rows 0 - 9 (10 total, Query took 0.0007 seconds)

SELECT * FROM `cart`

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				id	fid	category	food	price	cart_by	cart_at	image
<input type="checkbox"/>				32	29	Breakfast	Mango Juice	20	aladnan21@gmail.com	2021-09-09 13:17:54	menu-9.jpg
<input type="checkbox"/>				35	35	Lunch	Fruit with butter	167	aladnan21@gmail.com	2021-09-09 13:18:03	menu-8.jpg
<input type="checkbox"/>				36	36	Breakfast	Chicken Bugar	189	aladnan21@gmail.com	2021-09-09 16:52:02	dish-1.png
<input type="checkbox"/>				37	42	Evening	Chicken Momo	340	aladnan21@gmail.com	2021-09-09 16:52:08	about-img.png
<input type="checkbox"/>				38	43	Breakfast	Full Chiken Fry	400	aladnan21@gmail.com	2021-09-09 16:52:12	home-img-2.png
<input type="checkbox"/>				48	28	Breakfast	Dosa	120	nazerinkabir@gmail.com	2021-09-11 13:51:54	menu-3.jpg
<input type="checkbox"/>				49	29	Breakfast	Mango Juice	20	nazerinkabir@gmail.com	2021-09-11 13:52:05	menu-9.jpg
<input type="checkbox"/>				93	33	Breakfast	Butter cup cake	70	disunisu@gmail.com	2021-09-11 23:40:16	menu-6.jpg
<input type="checkbox"/>				94	28	Breakfast	Dosa	120	disunisu@gmail.com	2021-09-12 00:32:25	menu-3.jpg
<input type="checkbox"/>				145	35	Lunch	Fruit with butter	167	tahrimkabr321@gmail.com	2021-09-14 11:03:10	menu-8.jpg

7. Table Structure For Food Category

bookedseat

cart

category

customer

deleveryman

food

order

review

seeorders

tables

tracker

users

information schema

+ Options

8. Table Structure For Delivery Boy Info

cart

category

customer

deleveryman

food

order

+ Options

id

name

email

password

delivery_at

1

deliveryBoy

delivery@gmail.com

12345

2021-09-08 16:55:28

2

Salsabil

salsabil@gmail.com

12345

2021-09-08 19:44:31

9. Table Structure For Types Of Food

<

10. Table Structure For Customer Review Collection

cart

category

customer

deleveryman

food

order

review

seorders

+ Options

id

review

uimage

fimage

Edit

Copy

Delete

17

Beef Burgar had a great taste and the delivery was...

135624573_1116423752150095_7976323508753132574_n.j...

dish-1.png

Edit

Copy

Delete

30

We, the 3-----

135624573_1116423752150095_7976323508753132574_n.j...

IMG_20200525_...

Edit

Copy

Delete

31

Just awesome, booked seat via online and happy eat...

135624573_1116423752150095_7976323508753132574_n.j...

menu-8.jpg

Edit

Copy

Delete

32

<h1>HELLO</h1>

135624573_1116423752150095_7976323508753132574_n.j...

Edit

Copy

Delete

33

<script>alert("HELLO")</script>

135624573_1116423752150095_7976323508753132574_n.j...

11. Table Structure For See Orders

<

12. Table Structure For Booked Table Seat

	id	seatNo
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	001-(4 people)
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	002-(5 people)

Query results operations

13. Table Structure For Tracking Customer Location

	id	deliEmail	orderid	order_by	deli_city	deli_country	deli_region	present_at
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	salsabil@gmail.com	15	disunisu@gmail.com	Matuail	Bangladesh	Dhaka Division	2021-09-10 19:56:54
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	14	salsabil@gmail.com	15	disunisu@gmail.com	Matuail	Bangladesh	Dhaka Division	2021-09-10 20:44:30
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	15	salsabil@gmail.com	17	disunisu@gmail.com	Matuail	Bangladesh	Dhaka Division	2021-09-10 20:44:30
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	16	salsabil@gmail.com	15	disunisu@gmail.com	Matuail	Bangladesh	Dhaka Division	2021-09-10 20:44:32
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	17	salsabil@gmail.com	17	disunisu@gmail.com	Matuail	Bangladesh	Dhaka Division	2021-09-10 20:44:32
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	18	salsabil@gmail.com	18	disunisu@gmail.com	Matuail	Bangladesh	Dhaka Division	2021-09-10 20:53:22
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	19	delivery@gmail.com	14	tahrimkabr321@gmail.com	Matuail	Bangladesh	Dhaka Division	2021-09-10 22:16:22
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	20	delivery@gmail.com	20	nazerinkabir@gmail.com	Matuail	Bangladesh	Dhaka Division	2021-09-11 13:57:39

14. Table Structure For All Customer

	id	fname	lname	email	image	password	created_at
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	MD.	Al-Adnan	aladnan21@gmail.com		12345	2021-09-08 00:00:00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	Tahrim	Nisha	tahrim2513@student.nstu.edu.bd		12345	2021-09-09 19:56:54
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	Disa	Moni	disa@gmail.com		12345	2021-09-09 19:56:54
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	disu	nisu	disunisu@gmail.com	135624573_1116423752150095_7976323508753132574_n.j...	12345	2021-09-09 19:56:54
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	6	Tahrim	Kabir	tahrimkabr321@gmail.com	Bichanakandi(Tahrim).jpg	12345	2021-09-11 13:57:39
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	7	Nazerin	Kabir	nazerinkabir@gmail.com	unnamed (2).jpg	12345	2021-09-11 13:57:39
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	8	Khairus	Kabir	khairusshamadulkabir@gmail.com	unnamed - 2020-11-23T102530.572.jpg	Password	2021-09-11 14:00:00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	9	Rahat	Uddin	rahatuddin@gmail.com	unnamed (70).jpg	Password	2021-09-11 22:00:00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	10	Marilyn	Nguyen	aladnansam21@gmail.com		adnan	2021-09-24 00:00:00

6. Software Design(User Manual)

1. Structure of the project

➤ Before Login

- ✓ Home
- ✓ Dishes
- ✓ Menu
- ✓ Review
- ✓ Order
- ✓ Sign IN
- ✓ Cart

➤ **After Admin Login**

- ✓ Add Category
- ✓ Add Food
- ✓ Booked Seat
- ✓ Add Delivery Man
- ✓ Assign Delivery
- ✓ Log Out

➤ **After Customer Login**

- ✓ Track Your Order
- ✓ Menu
- ✓ Book Seat
- ✓ Review
- ✓ Cart
- ✓ Sign Out

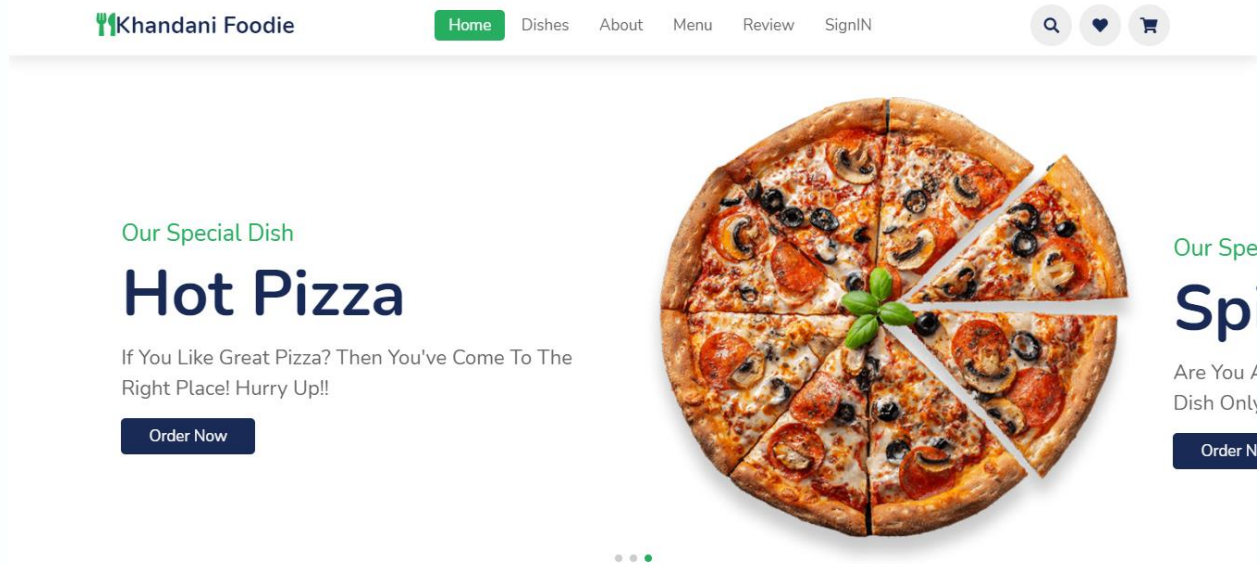
➤ **After Delivery Man Login**

- ✓ Order's To Deliver
- ✓ Track me
- ✓ Sign Out

2. User manual of the project

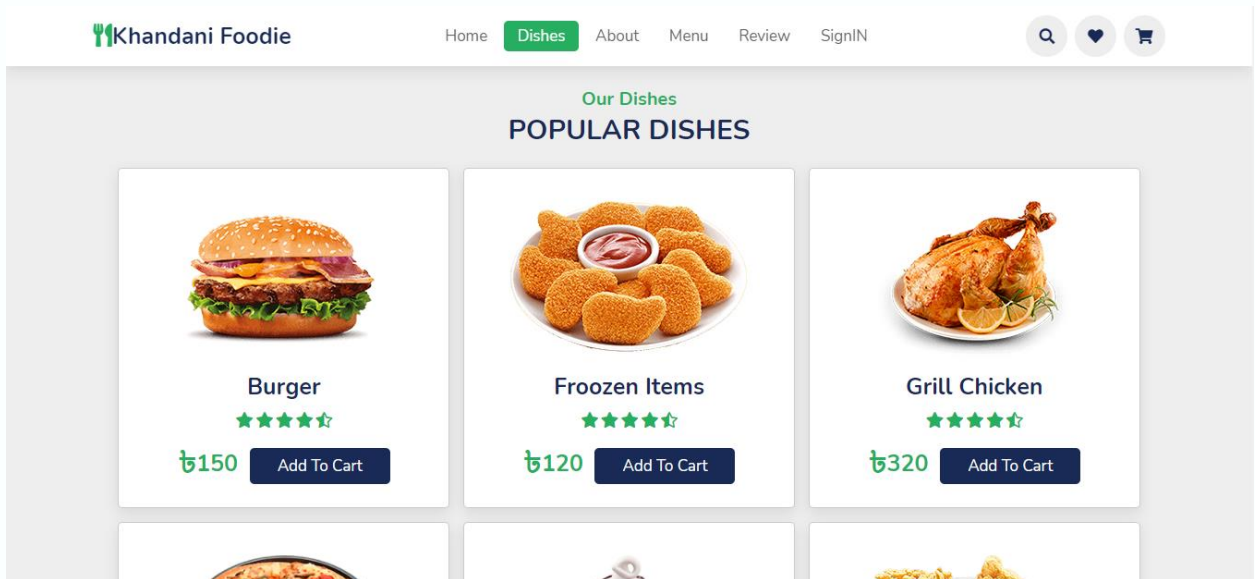
1. Home page

A home page or a start page is the initial or main web page of a website or a browser. The initial page of a website is sometimes called main page as well. Every person can see this page even when someone doesn't login.



2. Dishes


Here all person can see our today's popular dishes. Also can order our popular dishes.




3. About Us

About Us pages should provide information about the Restaurant.

Khandani Foodie's Online Based Restaurant

 Home Dishes **About** Menu Review SignIN



About Us

WHY CHOOSE US?



Best Food In The Country

Quality Of Service, Food, Ambiance And Value Of Money Are The Primary Elements For Choosing A Restaurant

Flexible Menu – Whether You're Looking To Dine With Three People Or 20+ People, We Can Mix And Match Food Combinations Without A Hassle. No One Has To Fight Over The Last Spring Roll.

 Free Delivery


 Easy Payments


 24/7 Service

[Learn More](#)

4. Menu

Menu section should provide information about the Today's menu of our restaurant.

 Home Dishes About **Menu** Review SignIN



Our Menu

TODAY'S SPECIALITY



★★★★☆

Pepperoni Pizza

Pepperoni Is Characteristically Soft, Slightly Smoky, And Bright Red In Color.

[Add To Cart](#) ₹799



★★★★☆

Beef Patty Burger

The Holten Meat's Pure Quality Beef Patty Hamburgers Are Delicious, Meaty Delights.

[Add To Cart](#) ₹299



★★★★☆

Butter Paratha

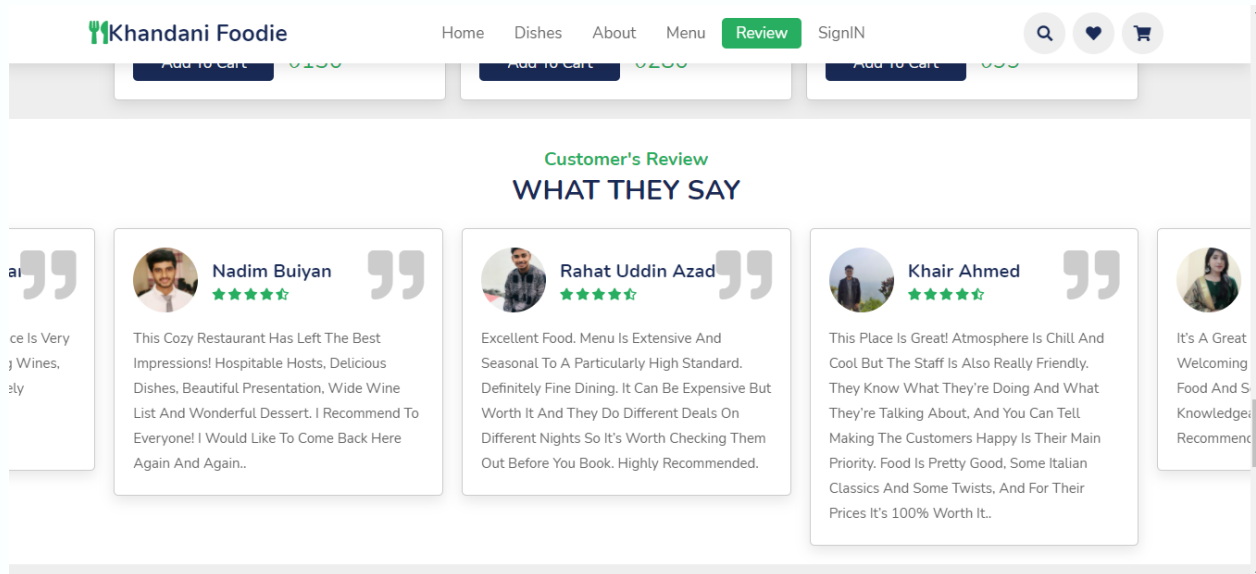
A Favourite Breakfast Food In Every Household..

[Add To Cart](#) ₹101

5. Review

This section is our ex customer review part. They can usually feedback their experience.

Khandani Foodie's Online Based Restaurant



6. Footer Section

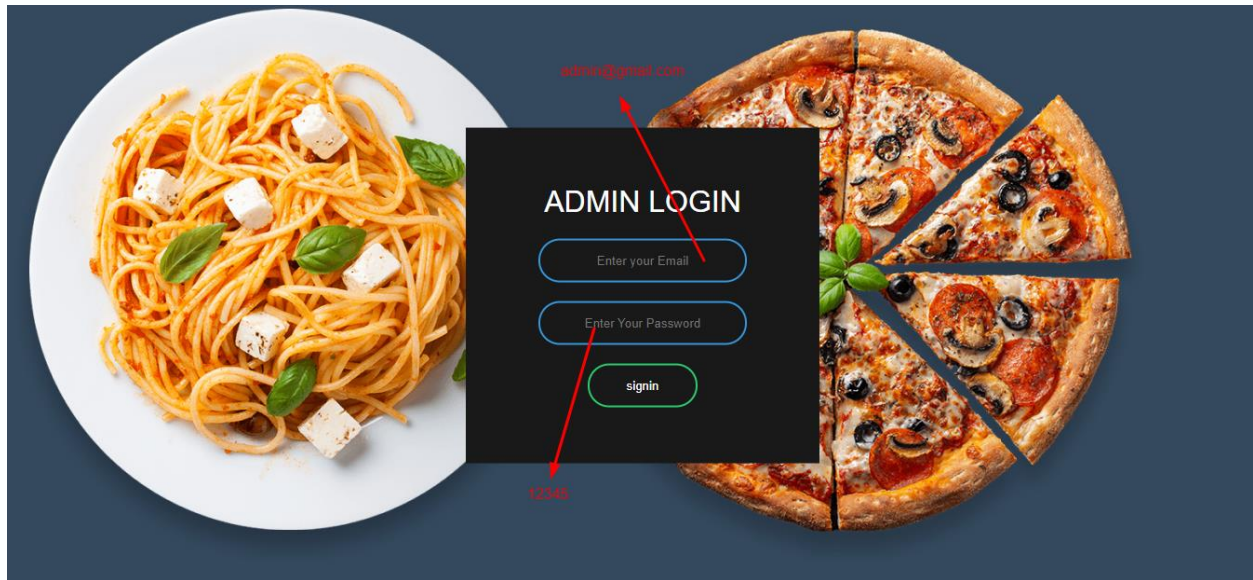
In our footer section, Everyone can see our pages social media link, contact us information and also see our respected advisors.

Advisors	Quick Links	Contact Info	Follow Us
Tasniya Ahmed Neela	Home	01625208031	Facebook
Iftekhar Alom Ifte	Dishes	01998846659	Youtube
Dipanita Saha	About	Aladnansami21@Gmail.Com	Instagram
Auhidur Rahman Sumon	Menu	Tahrimkabit321@Gmail.Com	Linkedin
Dipok Chandra Das	Reivew	Infront Of IIT Building ,NSTU	
	Order		

Copyright @ 2021 By IIT Web Tecnology Lab

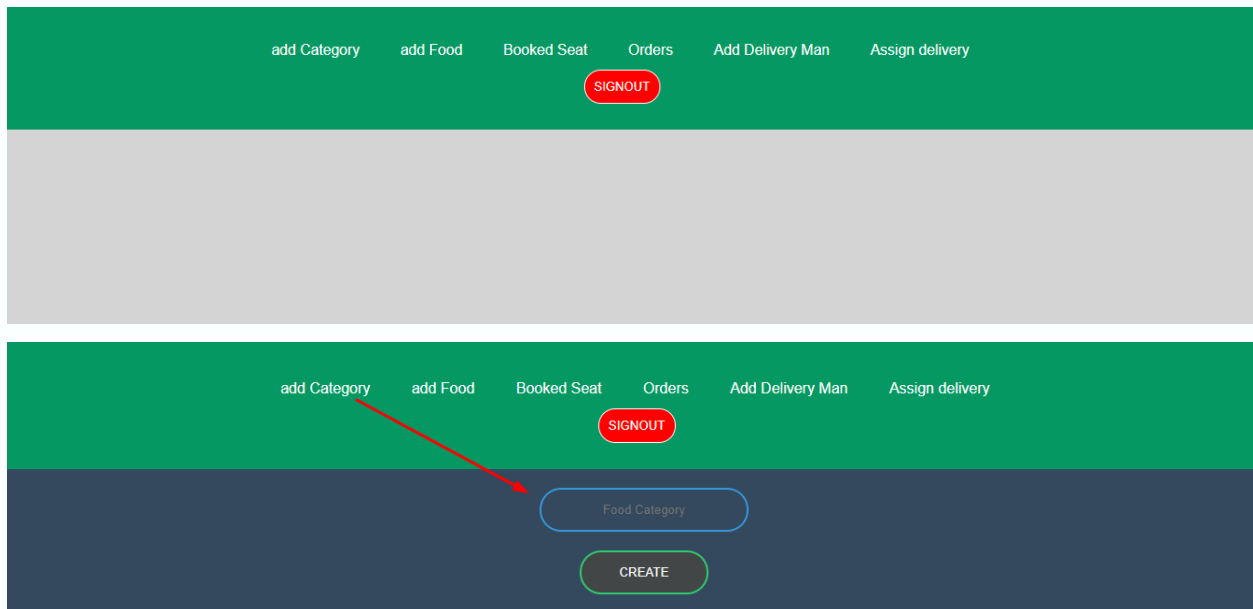
7. Admin Login

When Admin log in to the system they use separate link, like office.php , when admin enter the link they see form, where the input there user email and password and enter the system.



8.Admin Interface

When Admin Log into there interface they can manage whole system, they can add food category, Update menu card , order list, booked seat list. Also Assign Delivery Man For his Specific Task.



Khandani Foodie's Online Based Restaurant

add Category add Food Booked Seat Orders Add Delivery Man Assign delivery

SIGNOUT

Breakfast ▾

Add Food Name

Enter Food Price





Choose File No file chosen

Add Food

add Category add Food Booked Seat Orders Add Delivery Man Assign delivery

SIGNOUT

All Food

SL	Category	Food	price	Image	Action
6	Breakfast	Cheese	120		edit
7	Breakfast	Mango Juice	80		edit
8	Breakfast	Butter cup cake	70		edit
9	Dinner	Spicy Chicken Pizza	8		edit

add Category add Food Booked Seat Orders Add Delivery Man Assign delivery

SIGNOUT

Assign Delivery Hero

Enter Your User Name

Enter Your Email Address

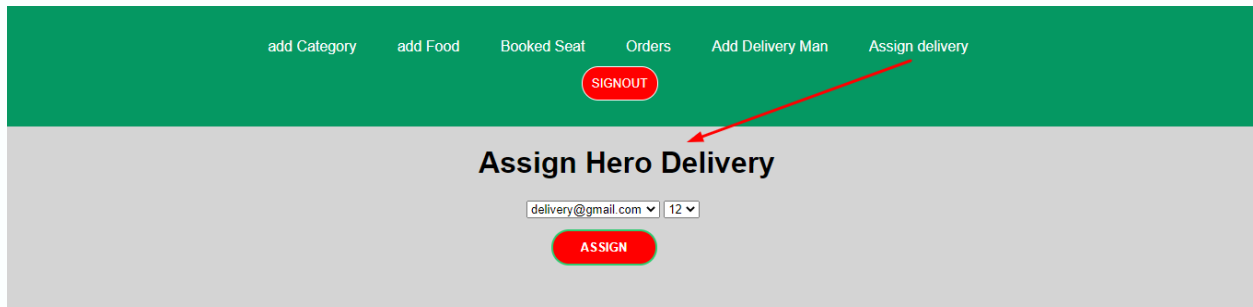
Enter Your Password

Re Enter Your Password

***By signing up, you are agree to abide the terms and conditions.

SIGNUP

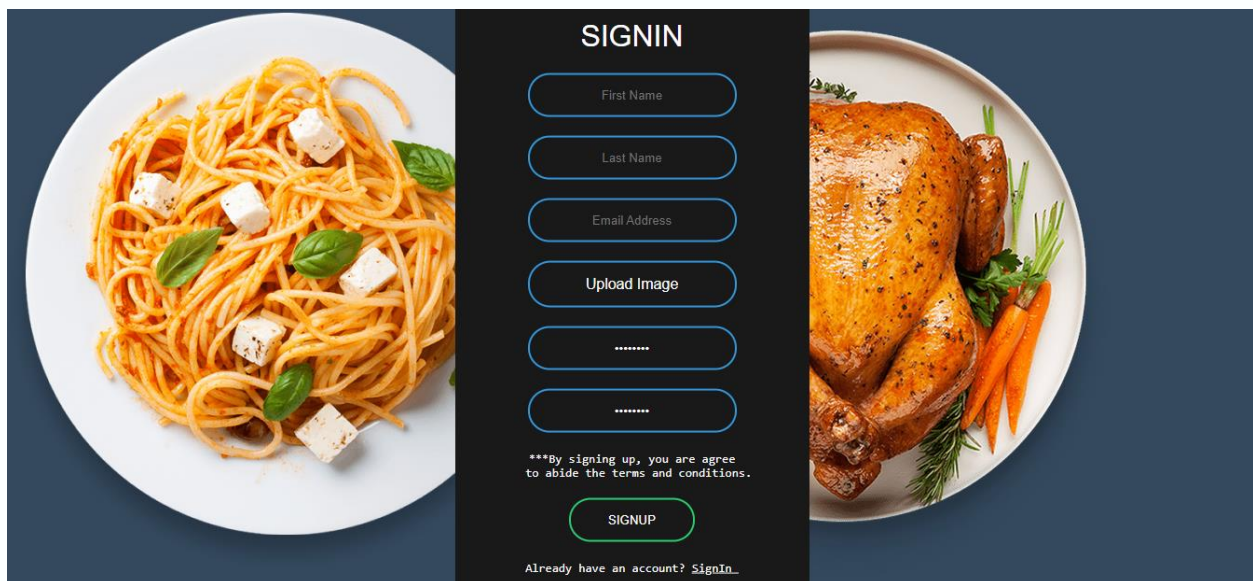
Khandani Foodie's Online Based Restaurant



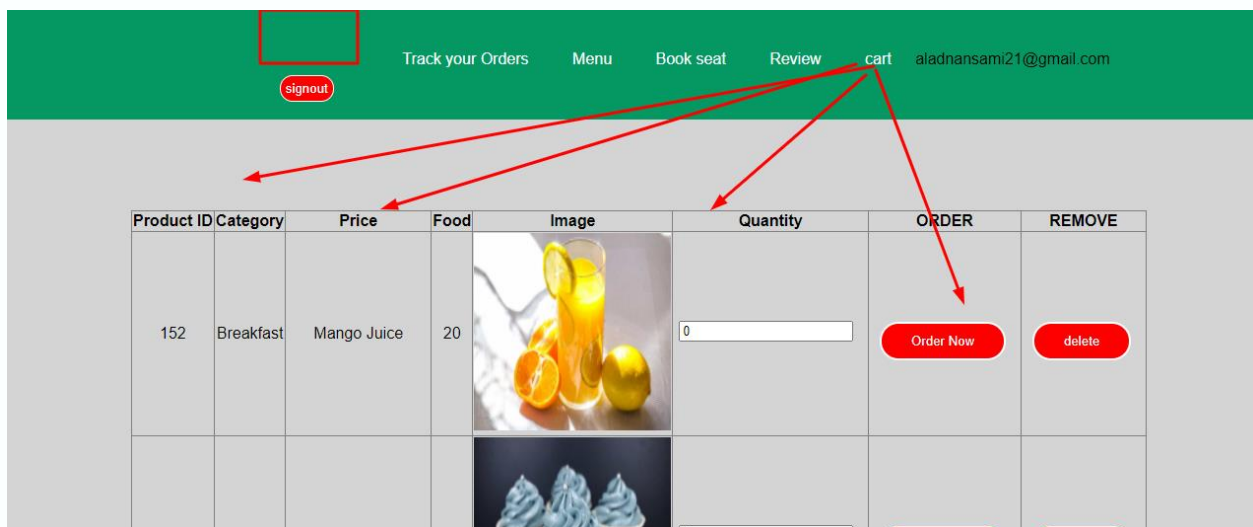
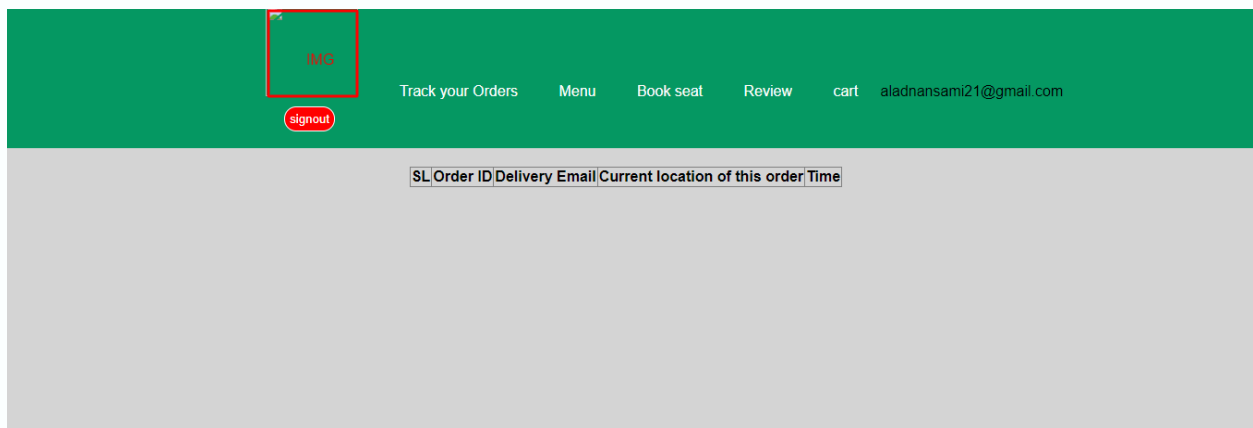
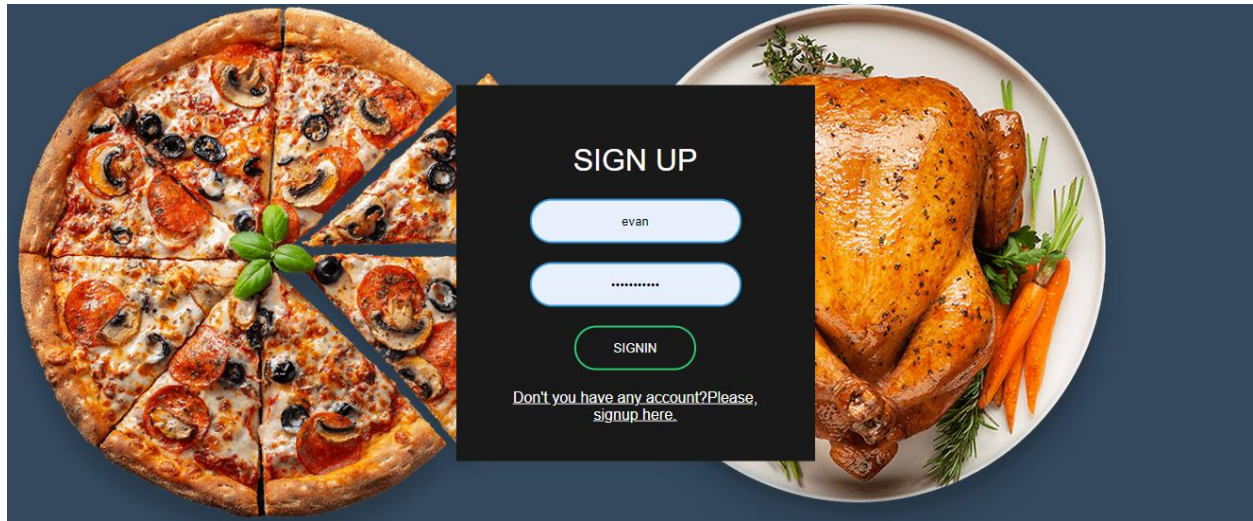
id	Table ID	Customer	Booked For
46	001-(4 people)	tahrimkabin321@gmail.com	2021-09-24 17:53:00
47	001-(4 people)	tahrimkabin321@gmail.com	2021-09-09 20:54:00
48	001-(4 people)	tahrimkabin321@gmail.com	2021-10-02 17:55:00
49	001-(4 people)	tahrimkabin321@gmail.com	2021-09-11 17:55:00
50	001-(4 people)	tahrimkabin321@gmail.com	2021-09-11 17:56:00
51	001-(4 people)	tahrimkabin321@gmail.com	2021-09-25 17:58:00
52	001-(4 people)	tahrimkabin321@gmail.com	2021-10-03 17:58:00
53	001-(4 people)	tahrimkabin321@gmail.com	2021-10-02 17:59:00
54	001-(4 people)	tahrimkabin321@gmail.com	2021-09-25 18:00:00
55	001-(4 people)	tahrimkabin321@gmail.com	2021-09-18 18:00:00
56	001-(4 people)	tahrimkabin321@gmail.com	2021-09-17 18:01:00
57	001-(4 people)	tahrimkabin321@gmail.com	2021-09-19 18:01:00
58	002-(5 people)	tahrimkabin321@gmail.com	2021-10-02 18:12:00

9. Customer Login and Signup

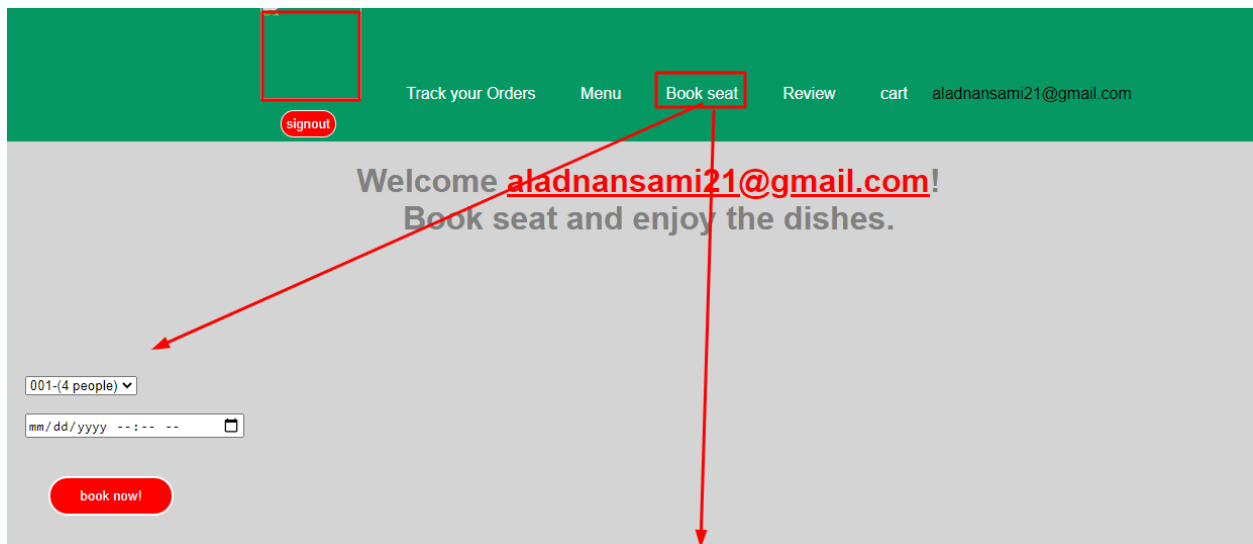
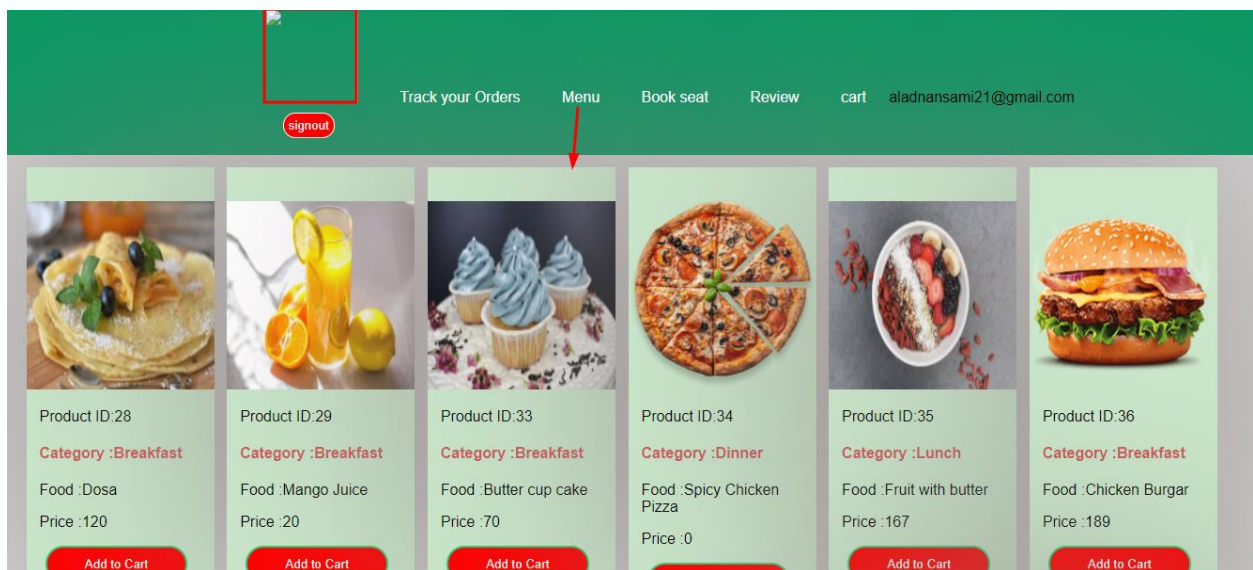
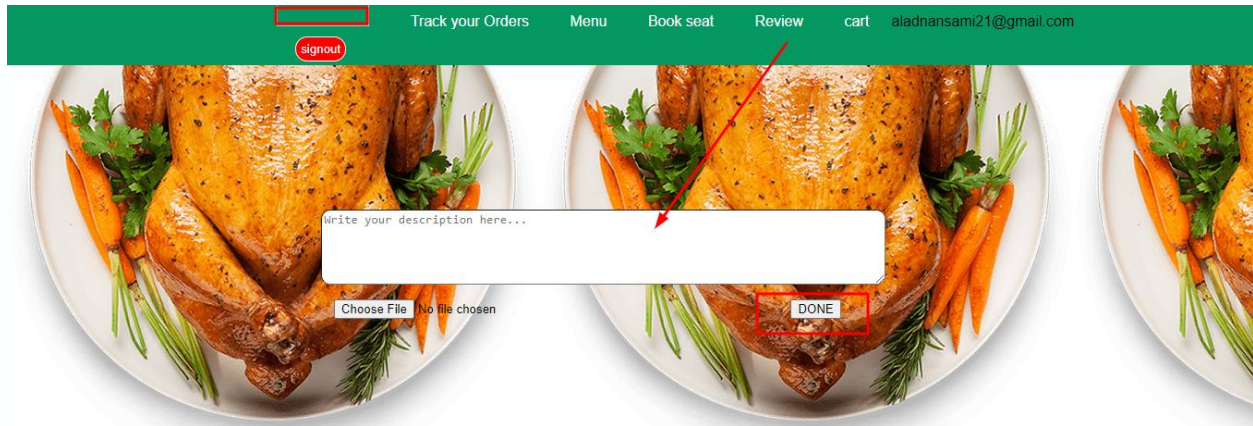
When Customer Want to order something than they must be sign in, when he was not our previous client or he don't have any account than he needs to sign up our system. When he sign in our system they can order food, see full menu, add to cart and also they give us feedback and booked his table for live restaurants food enjoy.



Khandani Foodie's Online Based Restaurant

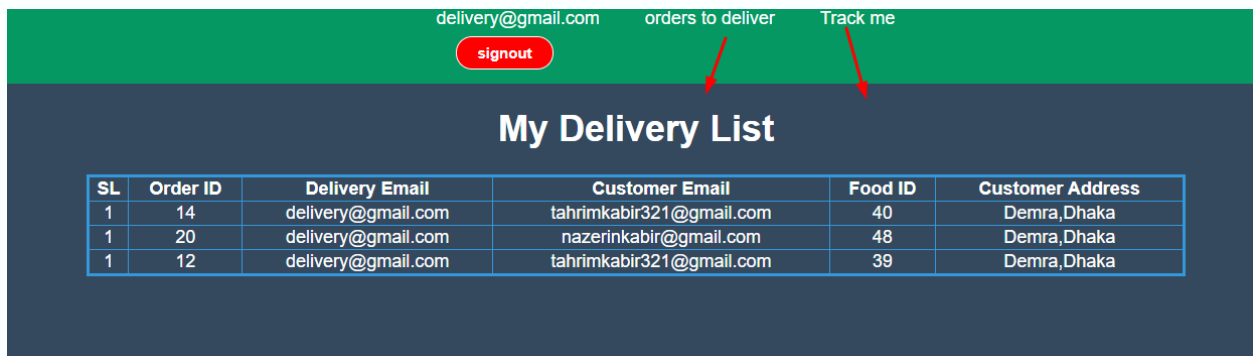
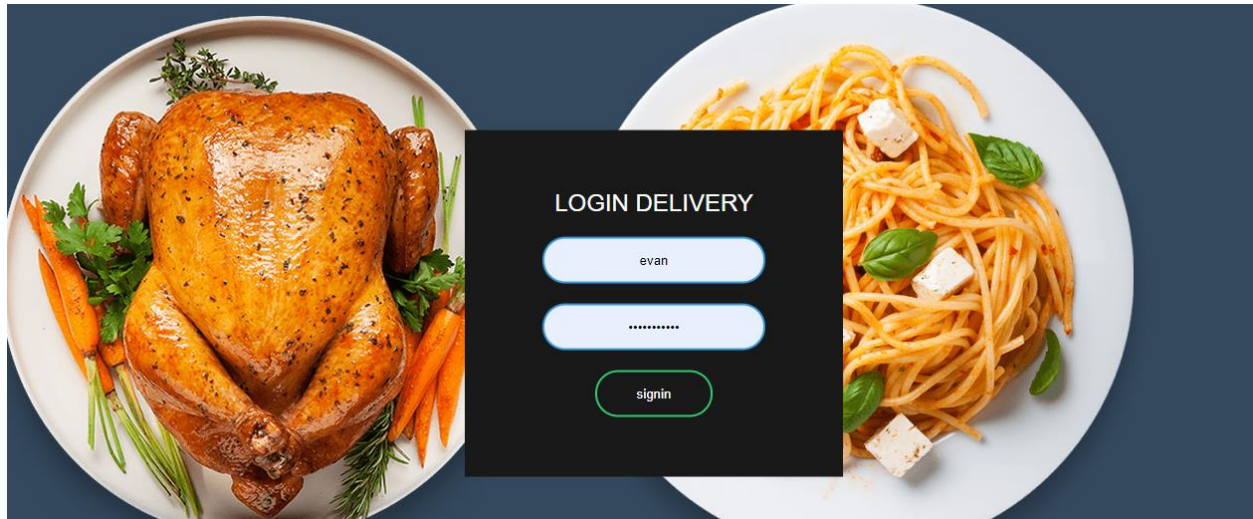


Khandani Foodie's Online Based Restaurant



10. Delivery Man Login

When Delivery hero sign in our system ,then can see their own task, they can share his location to customer, also they can track Customer locations.



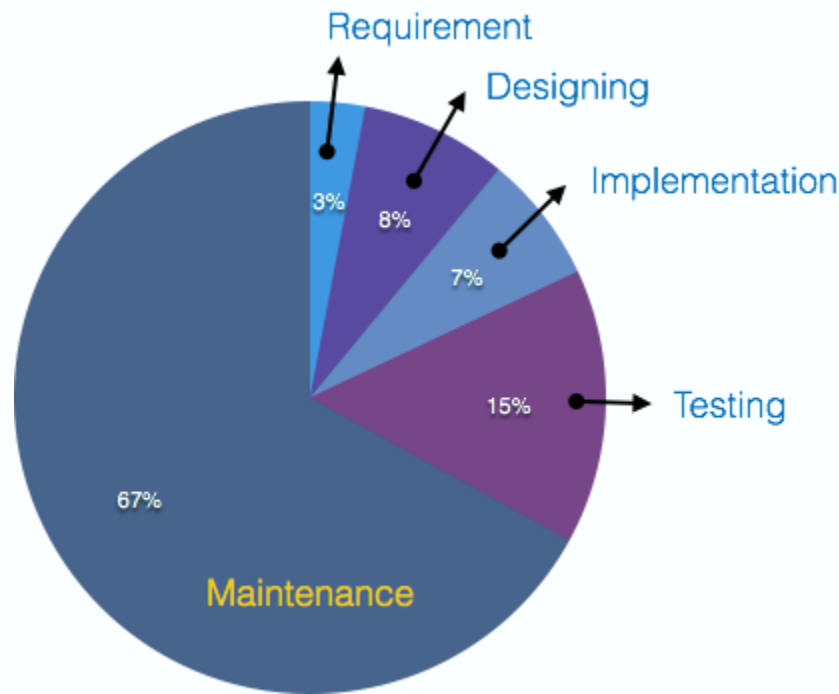
7.Maintenance

1. Software Maintenance

Software maintenance in software engineering is the modification of a software product after delivery to correct faults, to improve performance or other attributes

A common perception of maintenance is that it merely involves fixing defects. However, one study indicated that over 80% of maintenance effort is used for non-corrective actions.[2] This perception is perpetuated by users submitting problem reports that in reality are functionality

enhancements to the system. More recent studies put the bug-fixing proportion closer to 21%. The six software maintenance processes as



2. Current status of development

Initialization, Planning and Designing has been completed and only Implementations is under process.

8. Conclusion

1. Conclusion

The Online Restaurant Management System (Khandani Foodie's) is for computerizing the working in a restaurant. It is a smart restaurants system. It is a great improvement over the manual system. The computerization of the system has speed up the process. The restaurant managing system was thoroughly checked and tested with dummy data and thus is found to be very reliable. The software takes care of all the requirements of an average restaurant and is capable to provide easy and effective storage of information related to customers that come up to the restaurant. It provides the home delivery facilities to the customer. It also billing facility such as cash on or pay with bkash/Bank. The system is also provides location flexibilities in Dhaka city.

9. Limitations

For upcoming improvement, there are some proposals to advance our project abilities.

- ✓ There is no email verification system.
- ✓ There is no online bill payment system.
- ✓ There is no security protection such as SSL.
- ✓ SMS alert system is not available right now.
- ✓ There is no online secured payment getting system.
- ✓ There is no multiples order facilities right now.

10. Future Plans

- ✓ Enhanced and Rich UI will be Designed.
- ✓ We will add more features to improve our project.
- ✓ There will be email verification system.
- ✓ We will add SSL security system.
- ✓ SMS alert system is easier for the customer.
- ✓ We also work on online payment gateway integration.
- ✓ Additionally, it is just a **beginning**. Supplementary the system may be used in various other types of reviewing process.

11. Reference

During the development of our system, we have taken the reference from Online. Most of the time we use google.com

- ✓ https://en.wikipedia.org/wiki/Entity%E2%80%93relationship_model
- ✓ https://en.wikipedia.org/wiki/Software_requirements_specification
- ✓ https://www.tutorialspoint.com/uml/uml_class_diagram.htm