HOTEL & RESTURANT MANAGEMENT SYSTEM

TEAM:- STARK

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PROJECT DESCRIPTION:-

The theme of our Project is Hotel Management System. We are planning to build an online portal for Mayfair hotel.I t will allow check-ins, check-outs, reservations, employee information handling, product and supplier information handling etc..The hotel offers accommodation, meals, additional facilities and other services. Staying include amenities like Breakfast, Lunch, dinner, tea, Laundry, Ironing, transport and room service. There will be customer record, employee record, manager record, customer history, customer booking and many things which are related to
database.

There is a food lounge/resturant in the hotel. So, we will provide a section for that also so that the customer can order food seamlessly.
Two kinds of users can handle the system.

1. Online Users,
2. Administrator or Hotel Management.

Customer need to sign up ,then he can use the website to book room and other faciulities.
Admins will be provided login detail from the hotel management. The application of the Hotel
Management System bears the following functions to use by the Administrator.

1. Room status ,Allocated Room Modification ,Allocation of Room as per the Customer
Interest
2. Details for the Customer Check in and Check out
3. Customer Data Management
4. Statement and Transactions of the Customer
5. Customer Report and Feedback.

ABSTRACT

A Hotel management system is a computerized management system. The proposed system will keep a track of Workers, Recidents, Accounts and generation of report regarding the present status. This project has options that will help in storing, updating and retrieving the information through various user-friendly menu-driven modules.The project "Hotel Management System" is aimed to develop to maintain the day-to-day state of admission/Vacation of Recidents, List of Workers , payment details etc. Main objective of this project is to provide solution for hotel to manage most there work using computerized process. This website will help admin to handle customers information, room allocation details, payment details, billing information.etc. Detailed explanation about modules and design are provided in project documentation.

The existing system is a manually maintained system. All the Hotel records are to be maintained for the details of each customers, Fee details, Room Allocation etc. All these details are entered and retrieved manually,because of this there are many disadvantages like Time Consuming ,updating process, inaccuracy of data.For avoiding this we introduced or proposed a new system in proposed system the computerized version of the existing system. provides easy and quick access over the data.

There is also online food ordering option which provides convenience for the customers who stay in Mayfair Hotel. It overcomes the disadvantages of the buying food from other restaurant as hotel MayFair provides food facility itself. Therefore, this facility enhances the speed and standardization of taking the order from the customer. It provides a better communication platform. The customer's details are noted during hotel room booking/registration.

The online food ordering option set up menu online and the customers easily places the order with a simple mouse click. This facility allows the customer to select the desired food items from the displayed menu. The customer orders the food items. The payment can be made during checkout hotel. A login id and password is provided for each user. Therefore it provides a more secured ordering.

This online food booking option enables the end customer to register online, select the food from the e-menu card, read the E-menu card and order food online. By just selecting the food that the customer want to have. The results after selecting the food from the E-menu card will directly appear on the food booking screen from which the customer

can directly procced to checkout for food. The user will be given a username and a password to login.

Modules:

1.Login Module
2.Gallery Module
3.Customer Module
4.Administrator module
5.Food module

1. Login Module:

1. Login
2. New User

1. Login:

Registered users can login into the application by using their username and
password.

2. New User:

User can create new user by giving the
details(i.e.name,permission,Password, etc).

2. Gallery Module:

1. Rooms Layout

3. Customer Module:

Booking:

This is to enter the personal information, Check-In Information, and
Billing Information Details of our customers. Customers can book the rooms
through phone or directly coming to hotel for future.

Check-In:

Check-in details will be entered while the customers arrival to the hotel. Customer invoice will be generated when the customer check-in to hotel.

Check Out:

This is to enter the check-out details of customer while they check-out from the hotel. there are two option to check-out they are, full and partial
check-out . partial checkout is while customer want to check-out rooms partially from the multiple number of rooms. Check-out bill will be generated during the customer check-out.

Room Type & avilability:

During the Room Booking and check-in the room type screen shows to select prefered time room and whether they are avilable or not.

4.Administrator module

This module is used to create usernames and passwords by admin. Admin can view all the information about the customer or delete all the details of the customer.

Below things are coming under those:-

Charges Master:

This is to enter the Charges details of our Hotel (i.e. Charge Type, and Amount).

Room Type Master:

This is to enter the Room Type Details of our Hotel .

Rooms Master:

This is to enter the Rooms Details of our Hotel .

Country:

This is to enter the Country Names.

State:

This is to enter the States.

City:

This is to enter the City Details.

Transactions:

Booking
Check-In
Check-Out
Availability

5.Food Module

This Functionalities provided:

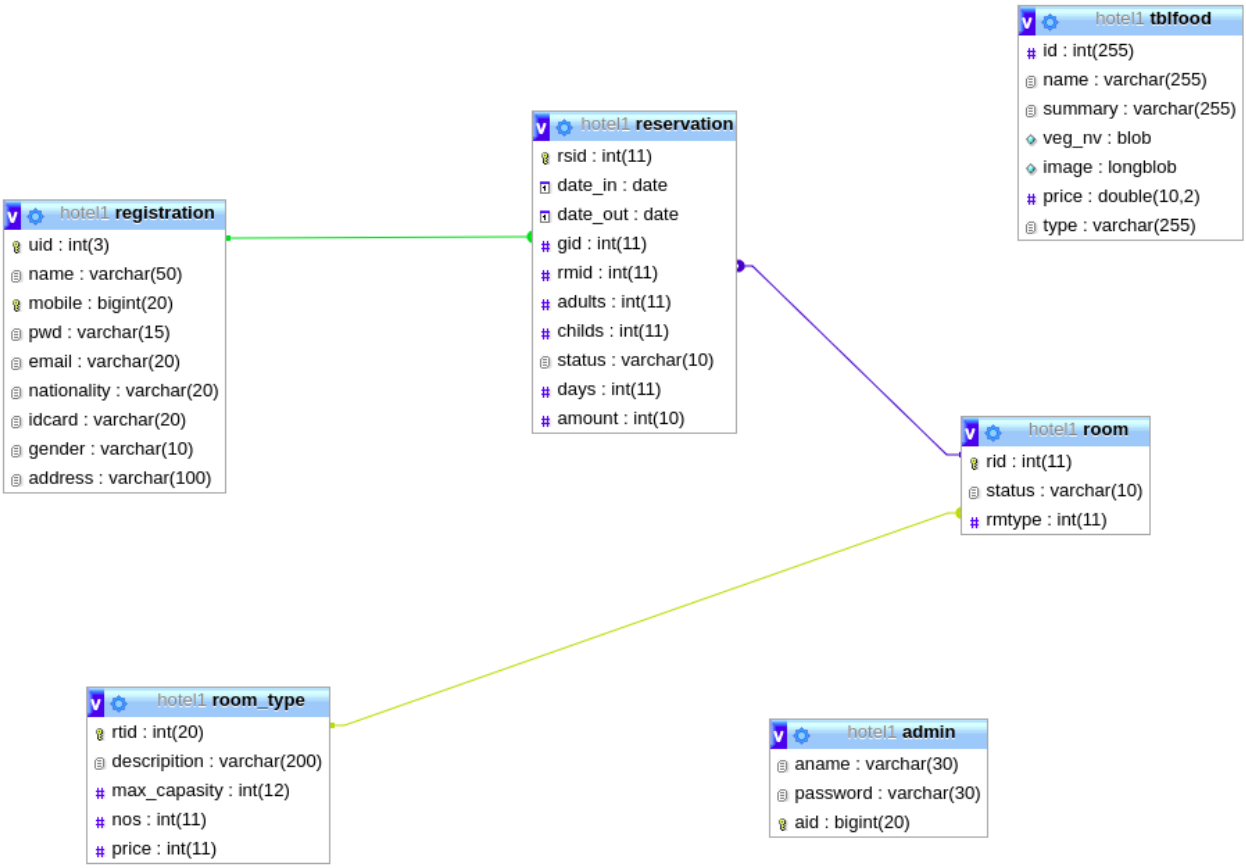
- View food menu.
- Register themselves during hotel room booking.
- Place orders
-

The Online Food Order option would have the following basic functions:

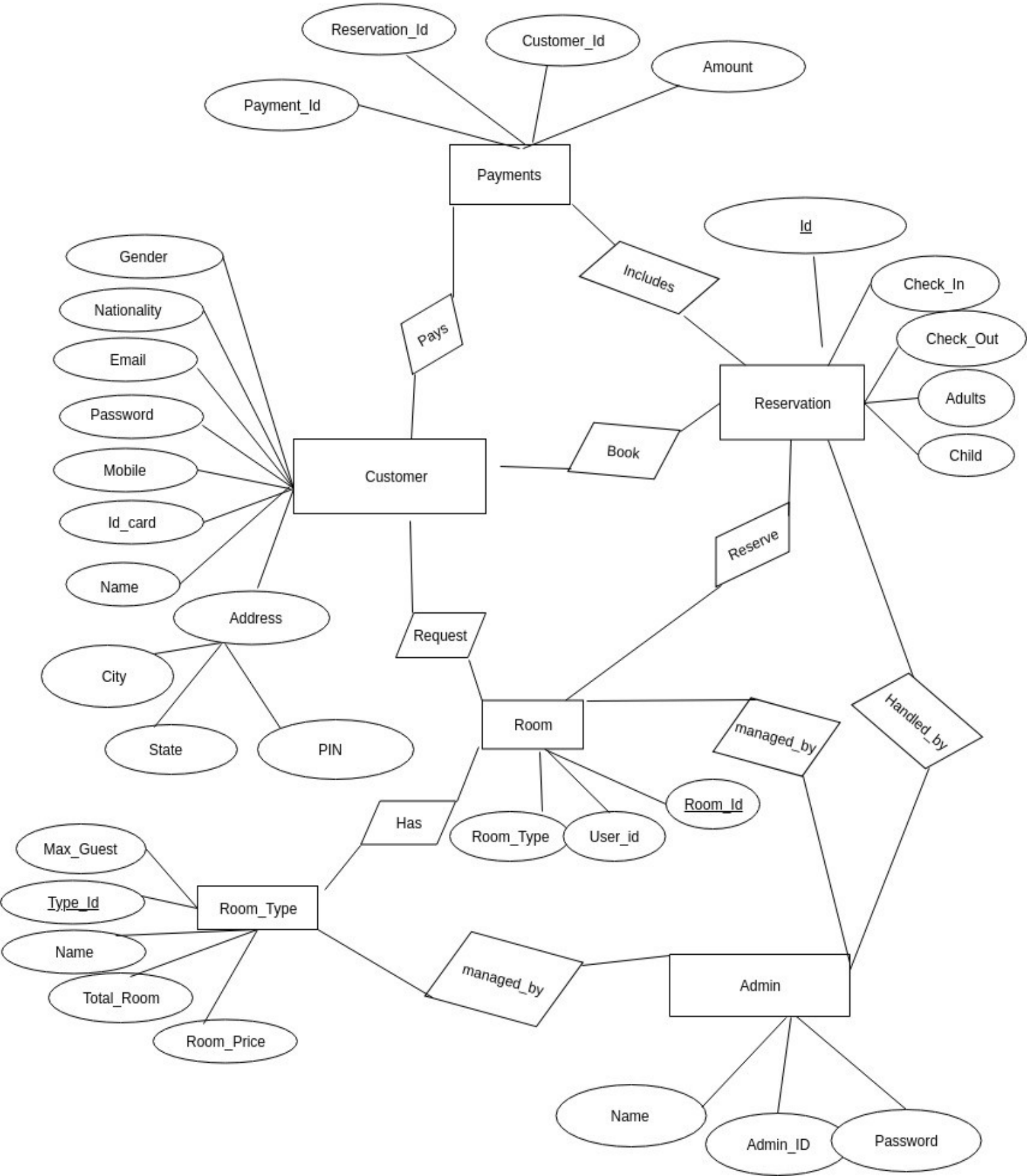
- Navigate the restaurant's menu
- Select an item from the menu.
- Add an item to current order.
- Review current order.
- Remove an item/remove all items from current order.
- Place an order.
- Receive confirmation in the form of message on website screen.

View order placed.

Design:-

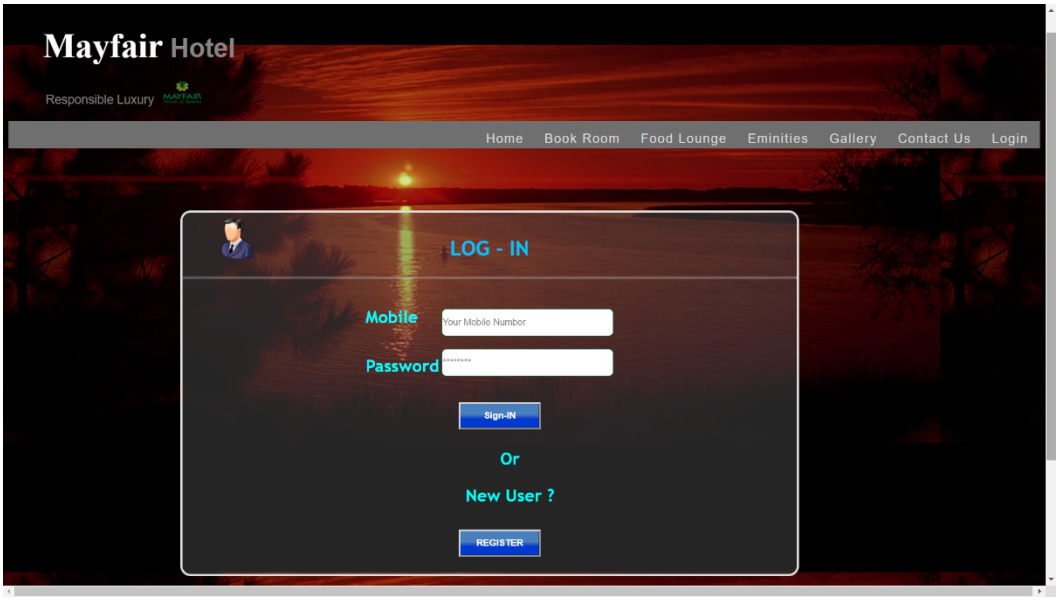


ER Diagram:

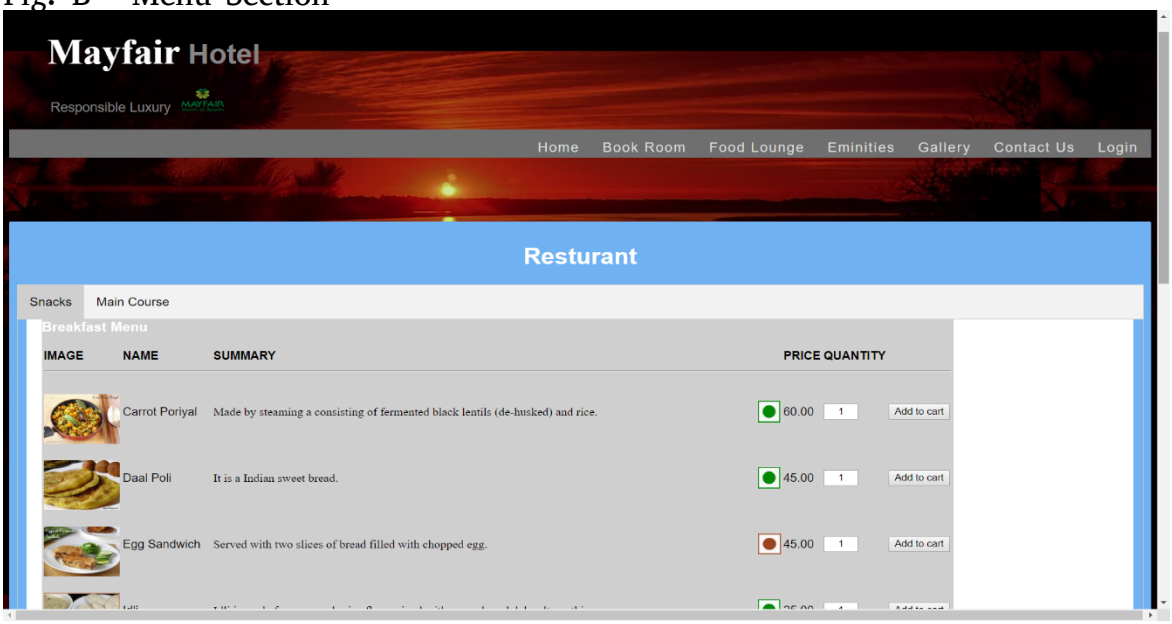

Reservation_Id
Customer_Id
Amount
Payment_Id
Payments
Id
Includes
Check_In
Check_Out
Adults
Child
Reservation
Gender
Nationality
Email
Password
Mobile
Id_card
Name
Pays
Customer
Book
Reserve
Address
City
State
PIN
Request
Room
managed_by
Handled_by
Room_Id
Has
Room_Type
User_id
Max_Guest
Type_Id
Room_Type
Name
Total_Room
Room_Price
managed_by
Admin
Name
Admin_ID
Password

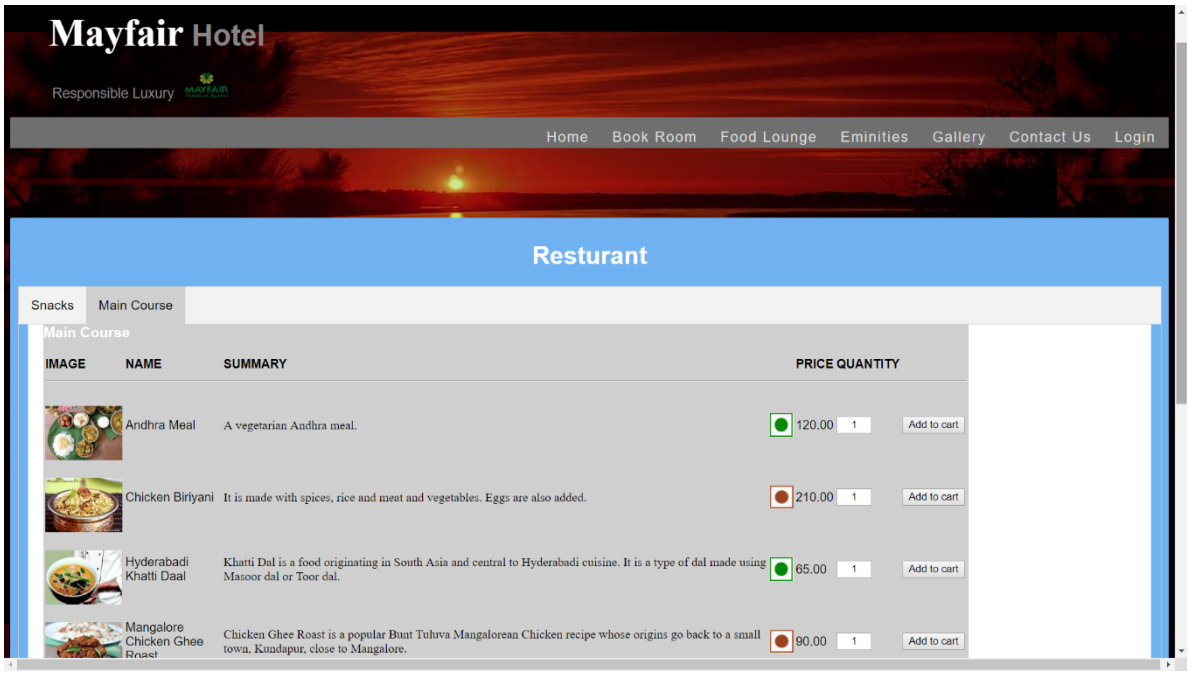
Images

1. Fig. A – Sign In

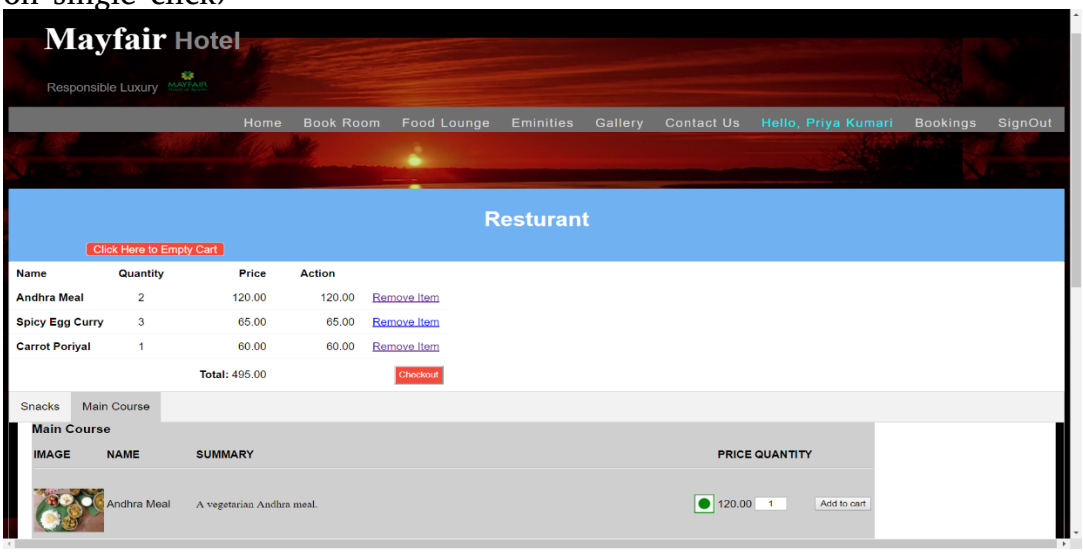


2. Fig. B - Menu Section

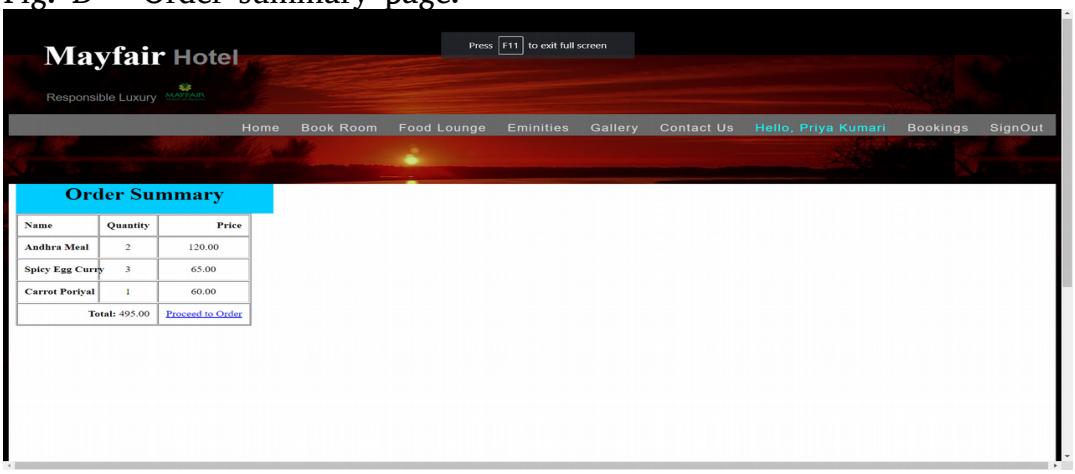




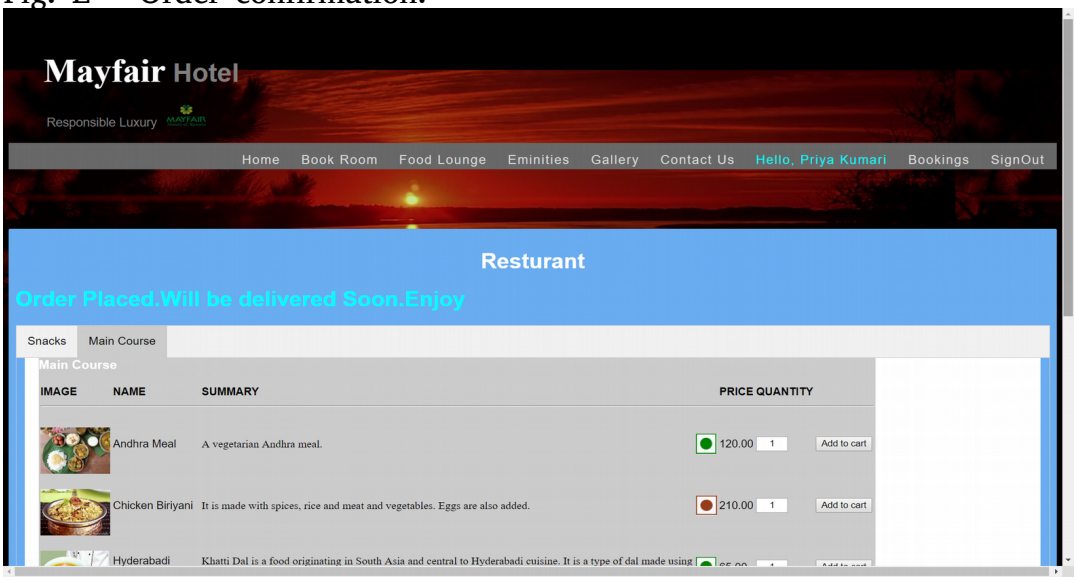
3. Fig. C – Review order page (Remove any particular item or Remove all item on single click)



4. Fig. D – Order summary page.



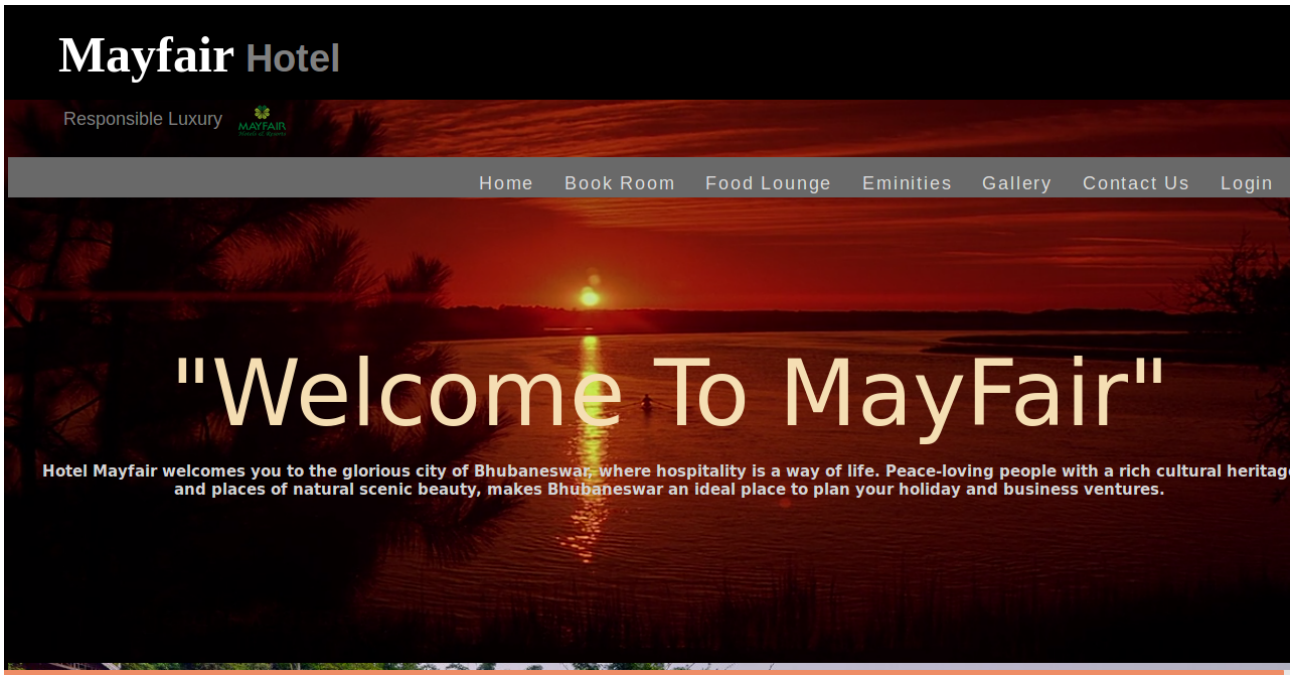
5. Fig. E – Order confirmation.



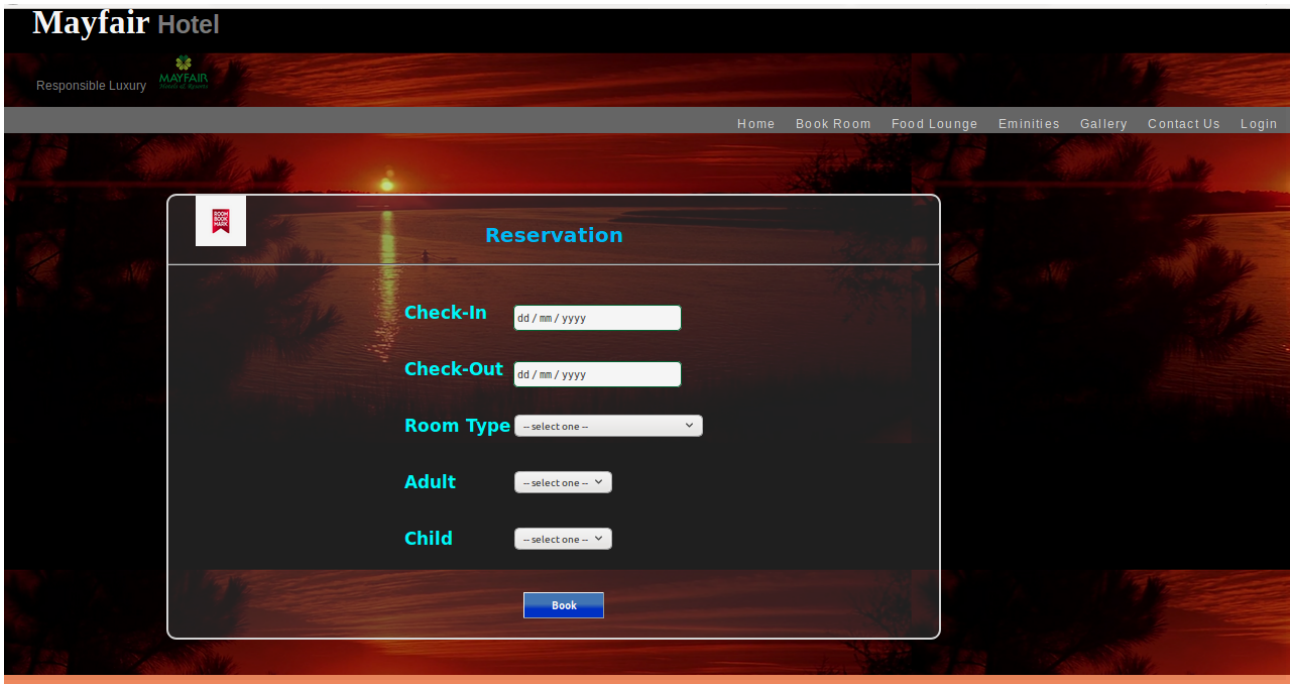
6. Database table of food.

id	name	summary	veg_nv	image	price	type
1	Andhra Meal	A vegetarian Andhra meal.	[BLOB - 9 KiB]	[BLOB - 11.1 KiB]	120.00	lunch_dinner
2	Carrot Poriyal	Made by steaming a consisting of fermented black l...	[BLOB - 9 KiB]	[BLOB - 12.9 KiB]	60.00	breakfast
3	Chicken Biriyani	It is made with spices, rice and meat and vegetabl...	[BLOB - 9 KiB]	[BLOB - 11.8 KiB]	210.00	lunch_dinner
4	Daal Poli	It is a Indian sweet bread.	[BLOB - 9 KiB]	[BLOB - 10.3 KiB]	45.00	breakfast
5	Egg Sandwich	Served with two slices of bread filled with choppe...	[BLOB - 9 KiB]	[BLOB - 9.3 KiB]	45.00	breakfast
6	Hyderabadi Khatti Daal	Khatti Dal is a food originating in South Asia and...	[BLOB - 9 KiB]	[BLOB - 9.6 KiB]	65.00	lunch_dinner
7	Idli	Idli is made from ground grice flour mixed with gr...	[BLOB - 9 KiB]	[BLOB - 7.9 KiB]	25.00	breakfast
8	Idli Dhokla	A delicious breakfast and snack for your and your ...	[BLOB - 9 KiB]	[BLOB - 10.9 KiB]	50.00	breakfast
9	Mangalore Chicken Ghee Roast	Chicken Ghee Roast is a popular Bunt Tuluva Mangal...	[BLOB - 9 KiB]	[BLOB - 10 KiB]	90.00	lunch_dinner
10	Masala Dosa	Made by stuffing a dosa with a lightly cooked fill...	[BLOB - 9 KiB]	[BLOB - 9.2 KiB]	90.00	breakfast
11	Moong Daal Dosa	Crispy, tasty, round shaped dosa made using moong ...	[BLOB - 9 KiB]	[BLOB - 12.8 KiB]	45.00	breakfast
12	Mushroom Capsicum Mix	Mushroom and capsicum cooked in onion and tomato b...	[BLOB - 9 KiB]	[BLOB - 13.8 KiB]	65.00	lunch_dinner
13	Plain Dosa	Made by plain rice and served with coconut chutney...	[BLOB - 9 KiB]	[BLOB - 7.4 KiB]	25.00	breakfast
14	Punjabi Chole	Chana masala a delicious chana curry from Punjabi ...	[BLOB - 9 KiB]	[BLOB - 9 KiB]	45.00	lunch_dinner
15	Rava Dosa	Rava Dosa is a popular South Indian thin and crisp...	[BLOB - 9 KiB]	[BLOB - 9.6 KiB]	30.00	breakfast
16	Sabudana Thalipeeth	Made during fast/upwaas/vraat. It is very deliciou...	[BLOB - 9 KiB]	[BLOB - 10.4 KiB]	45.00	breakfast
17	Spicy Egg Curry	Egg curry goes great with roti, idiappam, appam an...	[BLOB - 9 KiB]	[BLOB - 10.6 KiB]	65.00	lunch_dinner
18	Upma	Upma is a dish originating from the Indian subcont...	[BLOB - 9 KiB]	[BLOB - 8.9 KiB]	30.00	breakfast
19	Uthappam	Uttapam is a dosa-like dish from South India made ...	[BLOB - 9 KiB]	[BLOB - 10.6 KiB]	45.00	breakfast

7.


Mayfair Hotel
Responsible Luxury
Home
Book Room
Food Lounge
Eminities
Gallery
Contact Us
Login
"Welcome To MayFair"
Hotel Mayfair welcomes you to the glorious city of Bhubaneswar, where hospitality is a way of life. Peace-loving people with a rich cultural heritag
and places of natural scenic beauty, makes Bhubaneswar an ideal place to plan your holiday and business ventures.

8.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Login
Reservation
Check-In
dd / mm / yyyy
Check-Out
dd / mm / yyyy
Room Type
-- select one --
Adult
-- select one --
Child
-- select one --
Book