JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY , SECTOR-62 NOIDA U.P.

DATABASE & WEB-PROJECT

[PROJECT SYNOPSIS & REPORT]

TITLE- HOTEL MANAGEMENT DATABASE

GUIDED BY:-

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Mr. Ankit Vidyarthi

Submitted By:-

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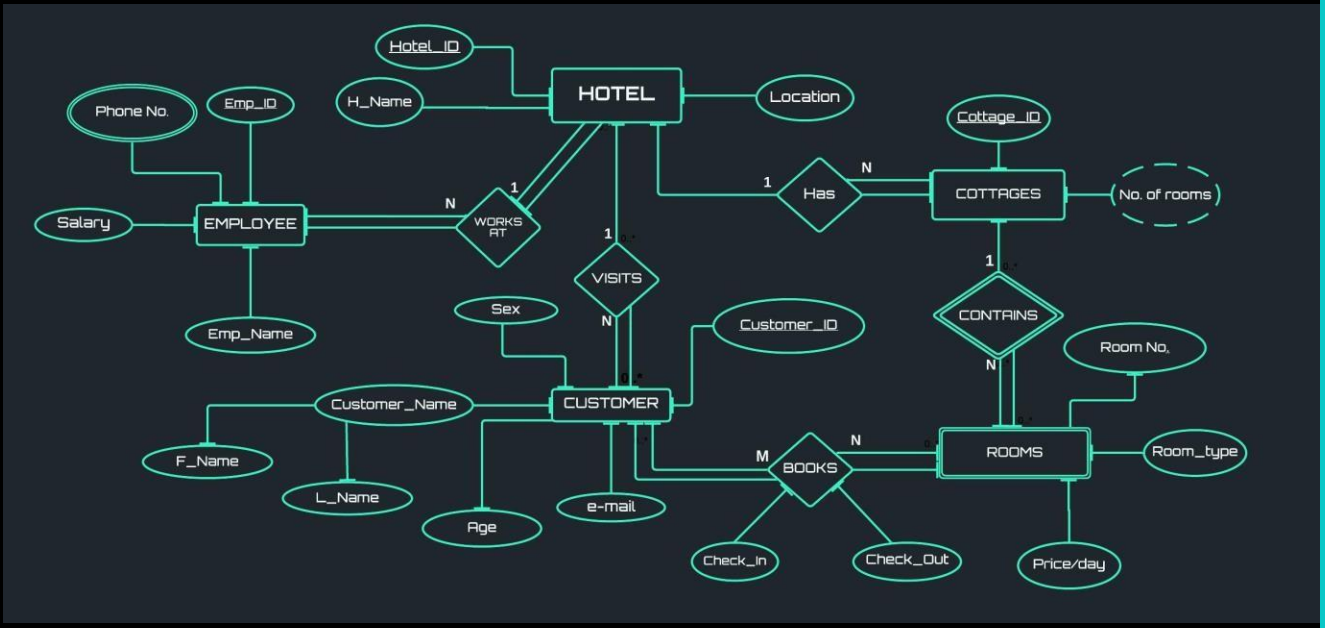
SYNOPSIS: -

The main aim of Hotel Management Mini DBMS project is to manage hotel rooms. We aim to demonstrate the use of create, read, update and delete MySQL operations through this project. The project starts by adding room details. Then user's registration is done availing for room. Same details can be viewed and updated from registration page.
Current and all guest's details including guests who checked out from hotel earlier can be viewed and modified.



Project Report:

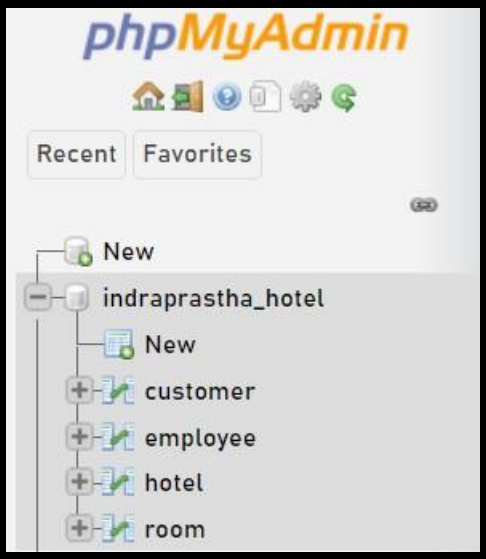
INTRODUCTION: -

INDRAPRASTHA Hotel Management Website which works as a database management system for organising the data by hotel employees.

Working of Website: -

- **Home page of the website gives an over of prestigious services available at our hotel, and provides the employee with navigation to Sign-up/ Login Page.**
- **Employee firstly have to get itself logged in to further start booking rooms and storing data of the customers.**
- **Once the Sign-up/ Login is done , their data is stored in the database, now the employee can book rooms, where the various details of the customer will be entered with their choice of the room out of the 3 excellent options available at our hotel.**
- **All this data of the customer will be stored in a database and the customer will be provided with a unique customer_id.**
- **That unique customer_id will be used to fetch details of the customer once the booking is done through search engine provided in the website.**

IndraprastHa Hotel Database



Server: 127.0.0.1 » Database: indraprastha_hotel » Table: hotel

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operati

Table structure | Relation view

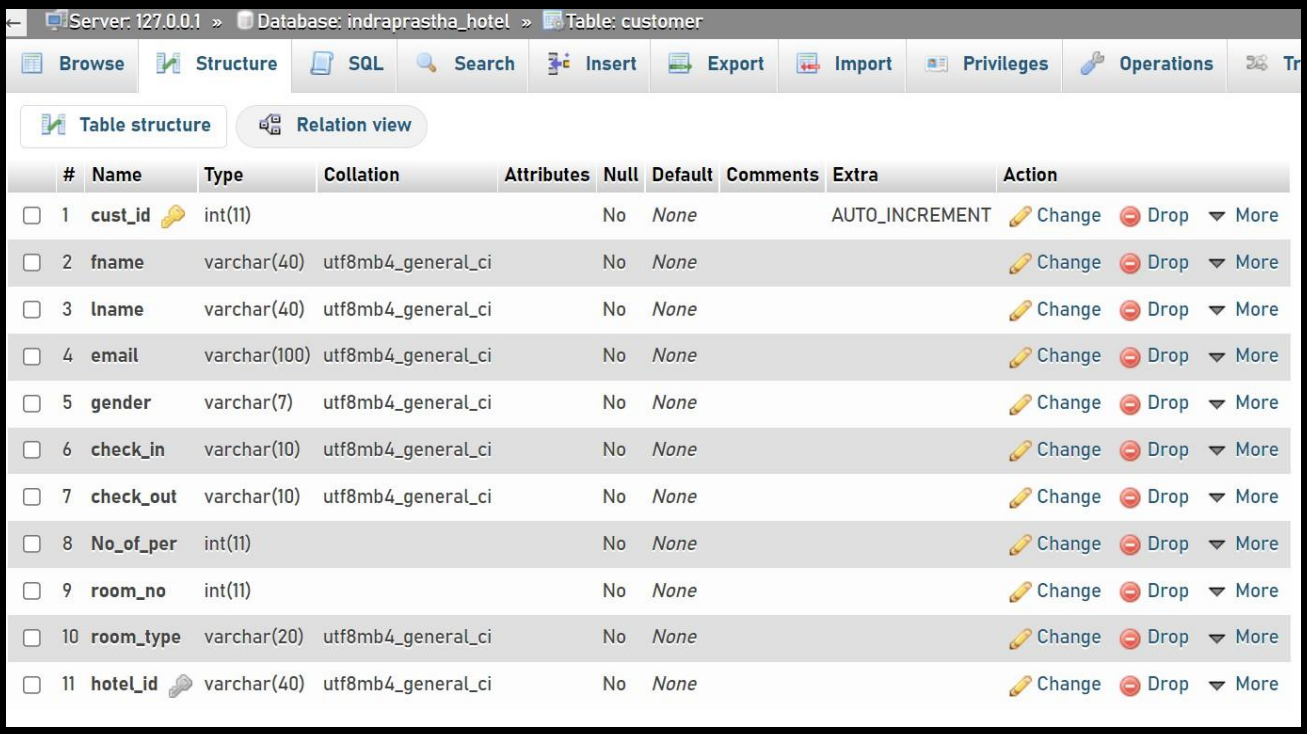
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	hotel_id	varchar(40)	utf8mb4_general_ci		No	*None*			Change Drop More
2	h_name	varchar(40)	utf8mb4_general_ci		No	*None*			Change Drop More
3	h_location	varchar(50)	utf8mb4_general_ci		No	*None*			Change Drop More

Server: 127.0.0.1 » Database: indraprastha_hotel » Table: employee

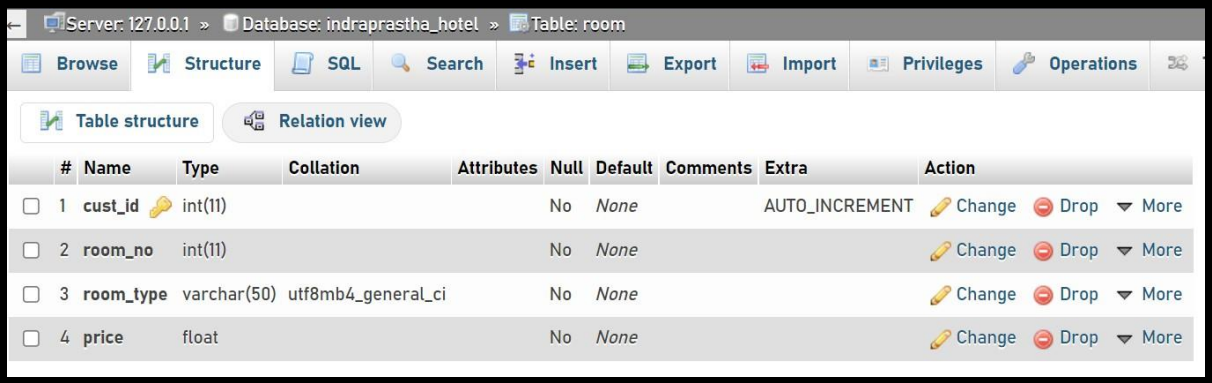
Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	emp_id	int(11)			No	*None*		AUTO_INCREMENT	Change Drop More
2	Emp_name	varchar(40)	utf8mb4_general_ci		No	*None*			Change Drop More
3	gender	varchar(12)	utf8mb4_general_ci		No	*None*			Change Drop More
4	email	varchar(40)	utf8mb4_general_ci		No	*None*			Change Drop More
5	Phone_No.	bigint(20)			No	*None*			Change Drop More
6	password	varchar(13)	utf8mb4_general_ci		No	*None*			Change Drop More
7	hotel_id	varchar(40)	utf8mb4_general_ci		No	*None*			Change Drop More



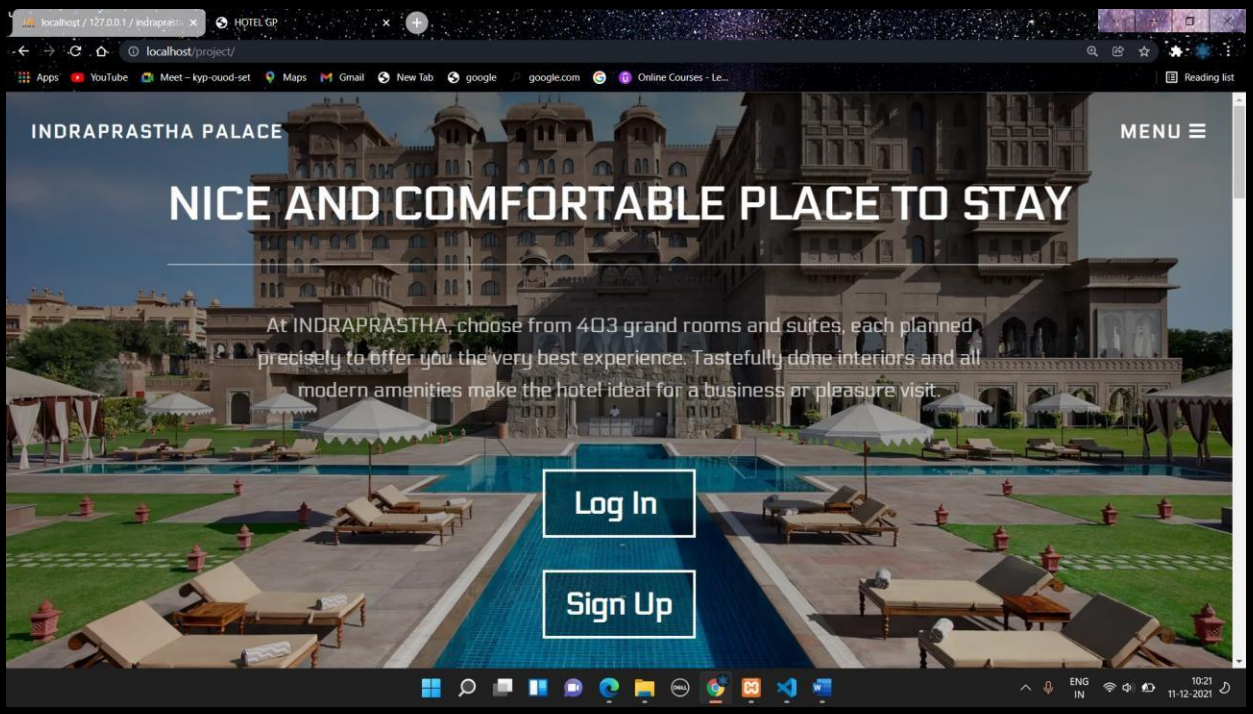
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	cust_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	fname	varchar(40)	utf8mb4_general_ci		No	None			Change Drop More
3	lname	varchar(40)	utf8mb4_general_ci		No	None			Change Drop More
4	email	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
5	gender	varchar(7)	utf8mb4_general_ci		No	None			Change Drop More
6	check_in	varchar(10)	utf8mb4_general_ci		No	None			Change Drop More
7	check_out	varchar(10)	utf8mb4_general_ci		No	None			Change Drop More
8	No_of_per	int(11)			No	None			Change Drop More
9	room_no	int(11)			No	None			Change Drop More
10	room_type	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
11	hotel_id	varchar(40)	utf8mb4_general_ci		No	None			Change Drop More



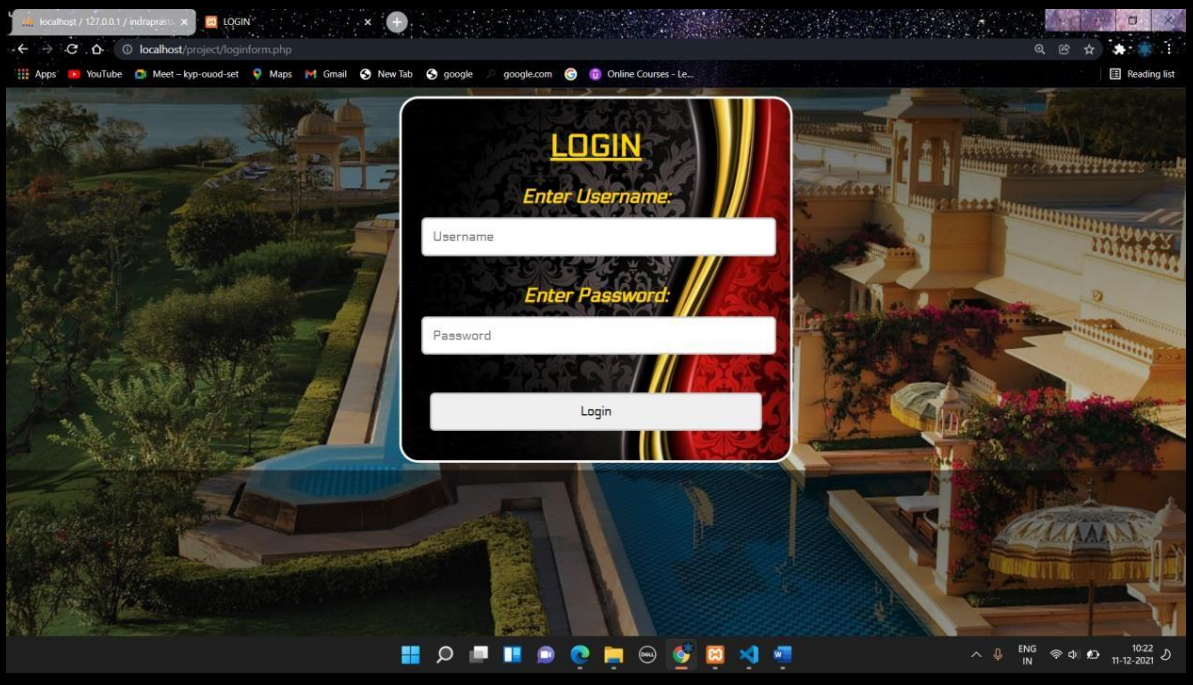
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	cust_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	room_no	int(11)			No	None			Change Drop More
3	room_type	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
4	price	float			No	None			Change Drop More

Some Snapshots of Our Website: -

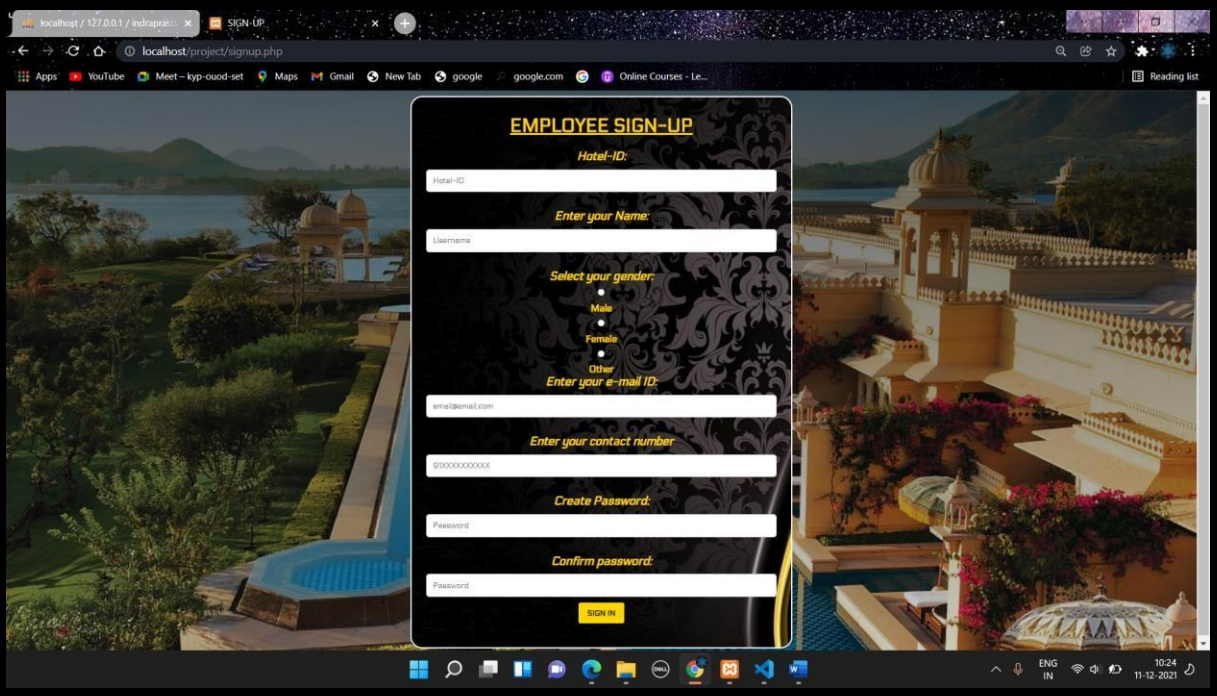
Home Page:-



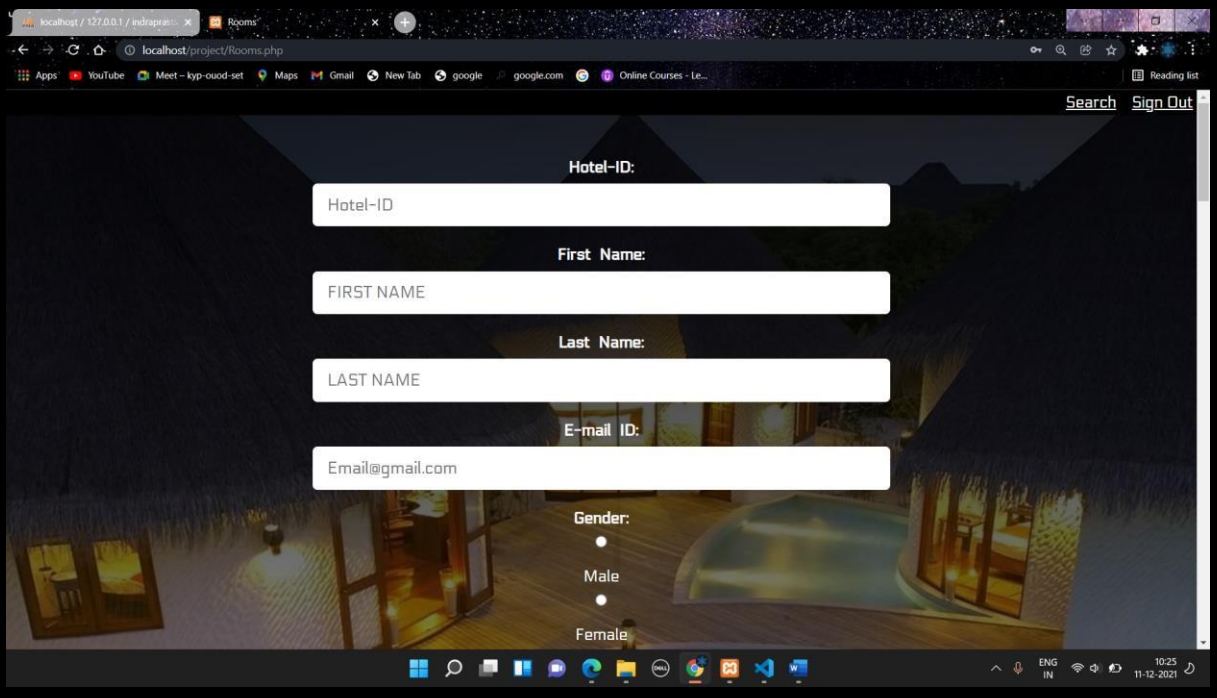
Employee Login Page:-



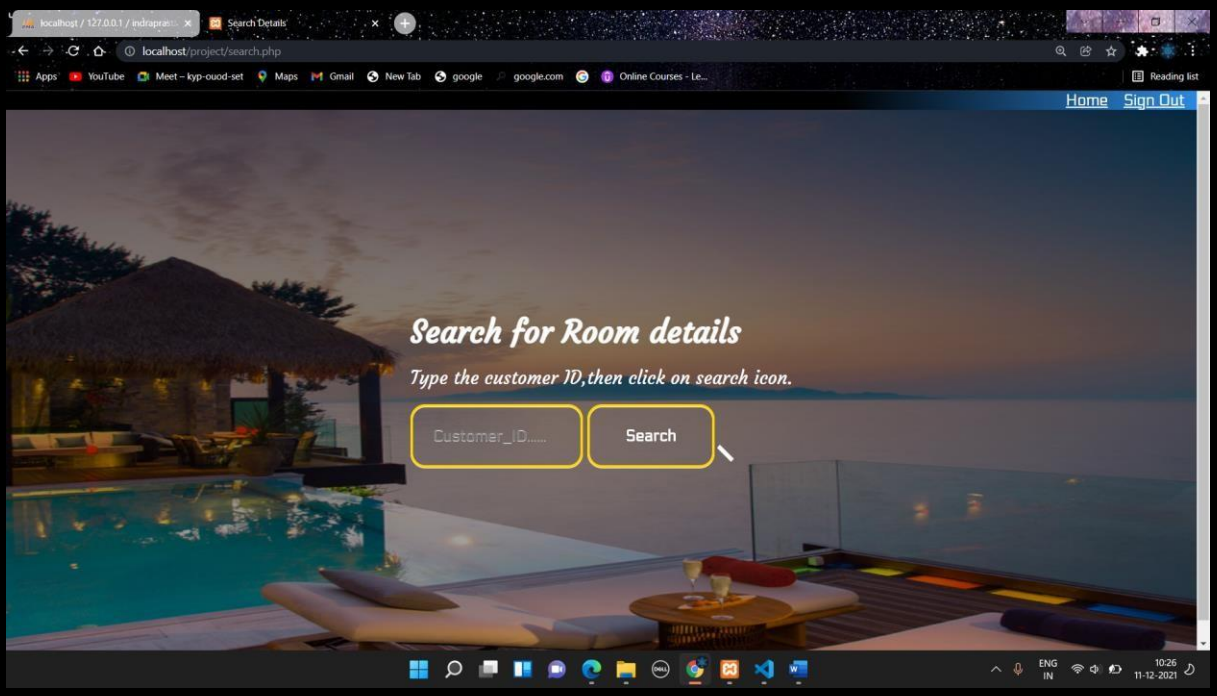
EMPLOYEE SIGNUP PAGE:-



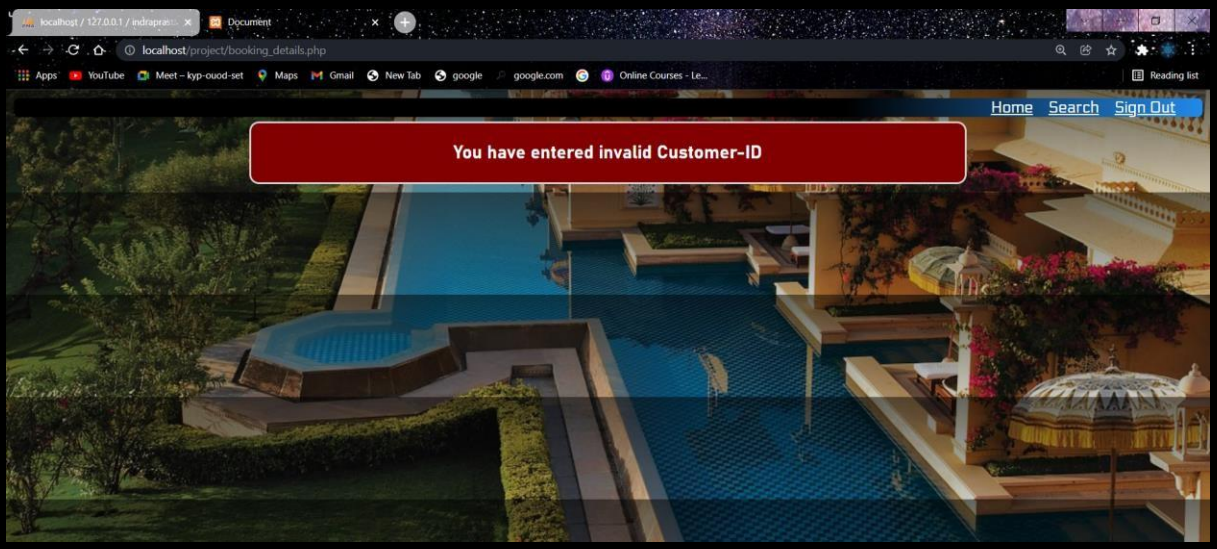
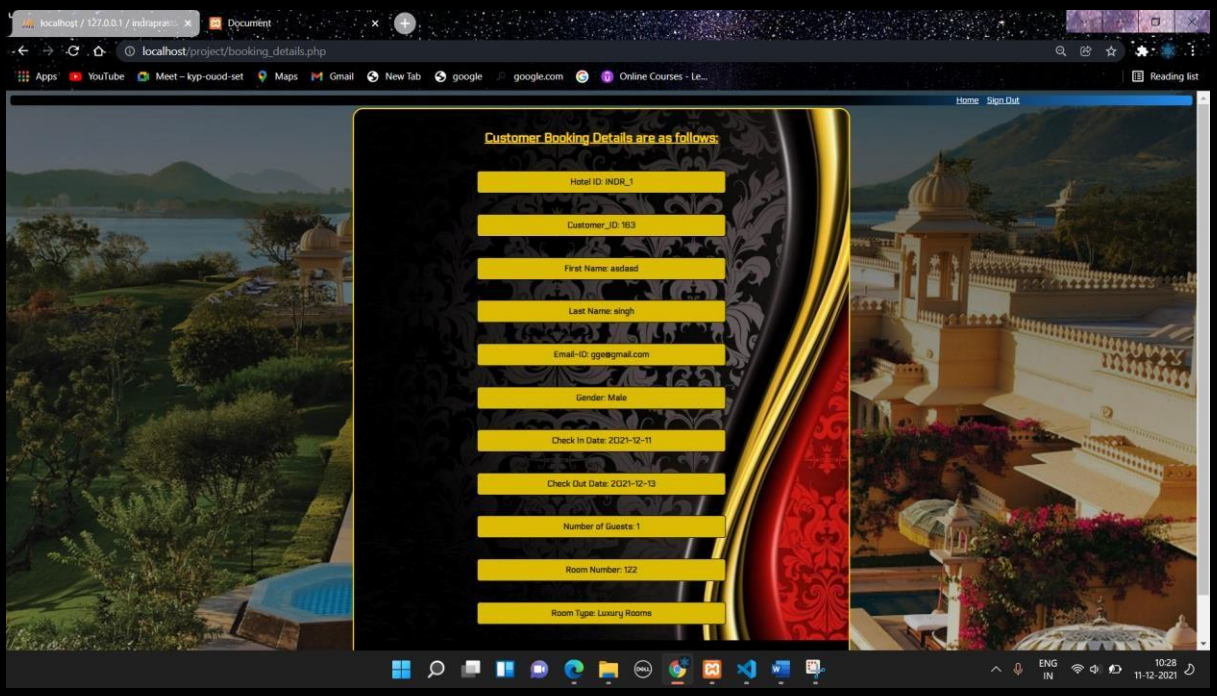
ROOM BOOKING PAGE:-



Search Customer-ID Page:-



Booking Validation Details Page:-



Booking Details Page:-