

# EduBridge



A Project

Report On

## **Hotel Management System**

By

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## **Introduction:**

This hotel management system is developed for hotels those are using a manual system to handle hotel processes. This system will automate the major operations of the hotel. There are two main users in hotel management system administrator and guests. Administrator can see about the employees and the hotel bookings. Administrator can also edit and delete the details of the employee and guest without any restrictions. The guests can view the hotel web site and can sign up and book the hotel room they want by using different type of payment methods.

## **List of Modules**

- **Admin**
- **Guest**
- **Signup**
- **Room Booking**
- **Employee**
- **Check Out and Payments**

I have developed this Application in **Java, Springboot, Hibernate, and MySQL**. It's a web-based project so I have used **HTML, CSS, JavaScript and Bootstrap also**.

The main feature of the project is to make hotel booking easier. You can access this website from anywhere and everywhere.

## **Admin :**

Here, Admin can login and access booking detail and employee related information after that Admin will redirect to Admin dashboard here Admin have two modules :

- **Booking List**
- **Employee List**

In the booking list, admin can see different users booking the rooms and can perform CRUD operations like edit ,delete and update the list.

In the employee list admin can see all details of employees who are working in HBHR'S hotel and perform CRUD operations like edit, delete and update the list.

### **Booking Form:**

The guests after signing up giving their details they are redirected to the booking form page where the guests can book the type of hotel rooms they need.

### **Guest :**

The guests can open the hotel website and view the different pages of the hotel. The guests can see about the hotel by clicking the about us option and the guests can also view the attractions page and find different images of the hotel to get better idea of the hotel rooms and halls. The guests can sign up by clicking the sign up option from the home page or from the about us page. In sign up page the guests should give their details and then the booking page will open. The guests can select the type of rooms and book the hotel room. After that the payment page will be redirected to the guest with different payment options where the guests can do the payment by which the hotel gets booked. Also the guests can go to the feedback page in home and give their feedback so the hotel facilities can be updated.

### **Aboutus :**

In about us page the users can read about the hotel details, services provided and the view of the hotel. It also redirects the user to the hotel booking page to sign up.

### **Payment :**

To get the guest to book the hotel we use the payment option where the guest can use different payment methods like using cash to pay or cards by giving the costumer card details. After choosing the cash method or by doing using the card payment method the hotel gets

booked for the guest and then he gets a pop up message that the hotel room is booked.

### **Employee List:**

It is used to store the information of the employee like Name, Email, Address and Telephone-No where we can edit and delete the records. By clicking HERE button we can able to add the information and Save it to reflect on the Database.

### **Software Requirements:**

**Front end:** Java/J2EE technologies (SpringBoot Framework), HTML, CSS, JavaScript, Bootstrap, Hibernate.

**Back end:** MySQL workbench 8.0.23CE.

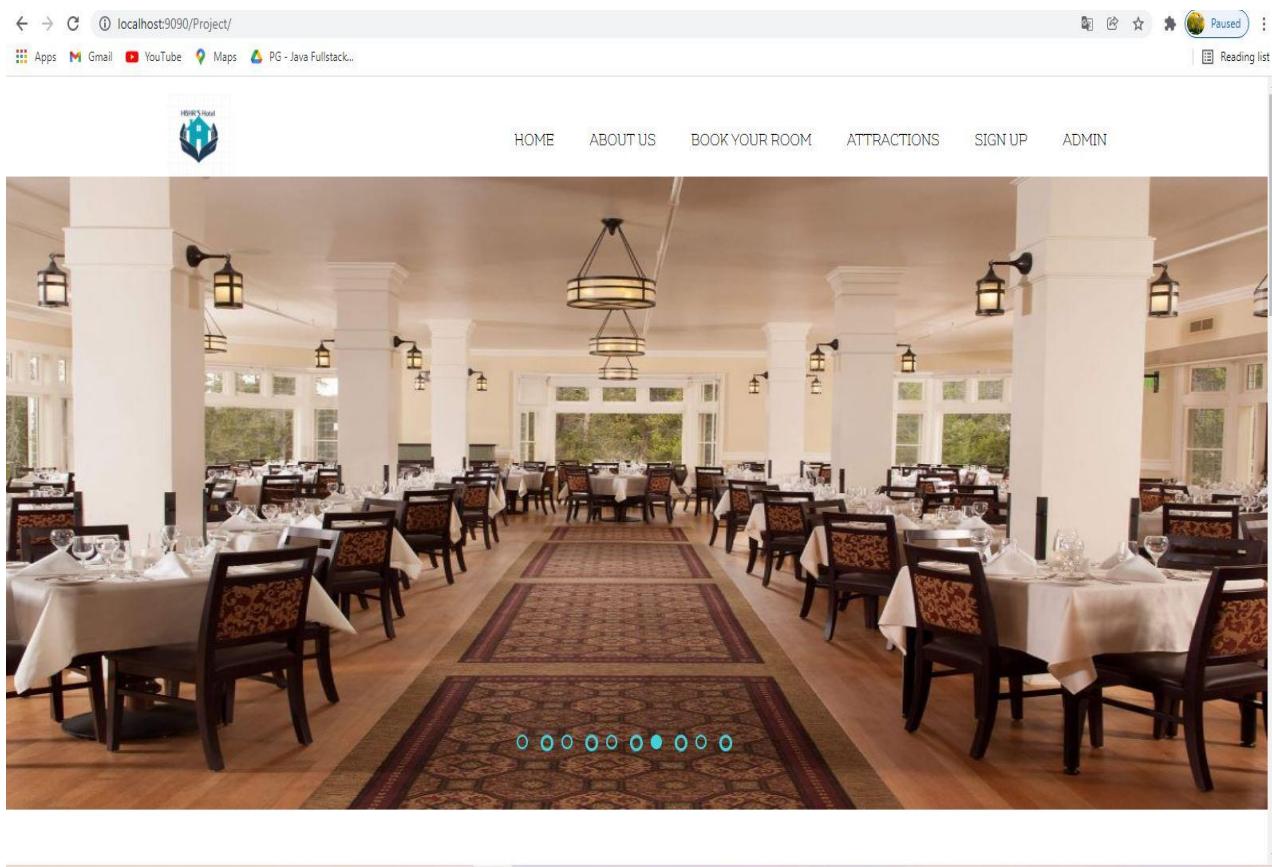
**Middleware/Server:** Apache Tomcat v7.0. IDE: Eclipse IDE for Java EE Developers

**Browser:** Best result on Google Chrome

**Operating System:** Window 10.

### **Screenshots:-**

# Home Page:



# Signup Page:



## Sign Up

Please fill in this form to create an account.

Username:

Enter your first name

First name:

Enter your first name

Last name :

Enter your Last Name

Phone number:

Enter your Phone Number

Date of birth:

Enter DOB

## Signup With Data:

## Sign Up

Please fill in this form to create an account.

Username:

Reetu123

First name:

Reetu

Last name :

Shrivastava

Phone number:

09340885916

Date of birth:

11-09-1998

Email:

technicalreetu1234@gmail.com

Password:

## Successful Signup Done:

The screenshot shows a database management interface with a 'Schemas' panel on the left and a 'Result Grid' on the right. The 'signup' table is selected in the 'Tables' list. The 'Result Grid' displays two rows of data:

id	dob	email	fname	lname	password	phonenumber	rpasword	username
1	11-09-1998	technicalreetu1234@gmail.com	Reetu,Reetu	Shrivastava	123	093408859 16	123	NOLE
2	11-09-1998	technicalreetu1234@gmail.com	Reetu123,Reetu	Shrivastava	123	093408859 16	123	NOLE

The 'Information' panel on the left shows the table structure for 'signup':

Column	int: A1 PK
id	varchar(255)
dob	varchar(255)
email	varchar(255)
fname	varchar(255)
lname	varchar(255)
password	varchar(255)
phonenumber	varchar(255)
rpasword	varchar(255)
username	varchar(255)

The 'Output' panel at the bottom shows the execution of three SQL queries:

#	Time	Action	Message
33	10:24:50	SELECT * FROM hotelmanagement.form LIMIT 0, 1000	1 row(s) returned
34	10:25:55	SELECT * FROM hotelmanagement.payment LIMIT 0, 1000	1 row(s) returned
35	13:34:01	SELECT * FROM hotelmanagement.signup LIMIT 0, 1000	2 row(s) returned

## Admin Page:

The screenshot shows a web browser window with the address bar displaying 'st:9090/Project/LoginWorking'. A notification box from 'localhost:9090' says 'Admin Login Successfull!! Directing to Landing Page'. The main heading on the page is 'Welcome To Management System'.

### Login Here

USERNAME:

PASSWORD:

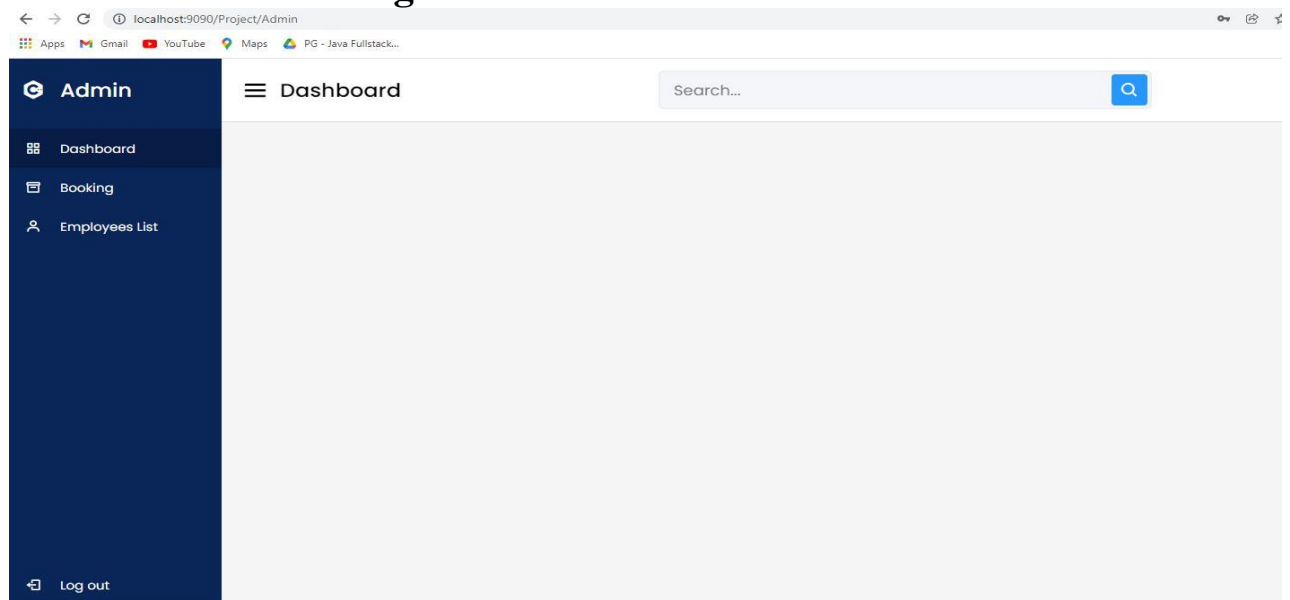
LOGIN TYPE:

Admin

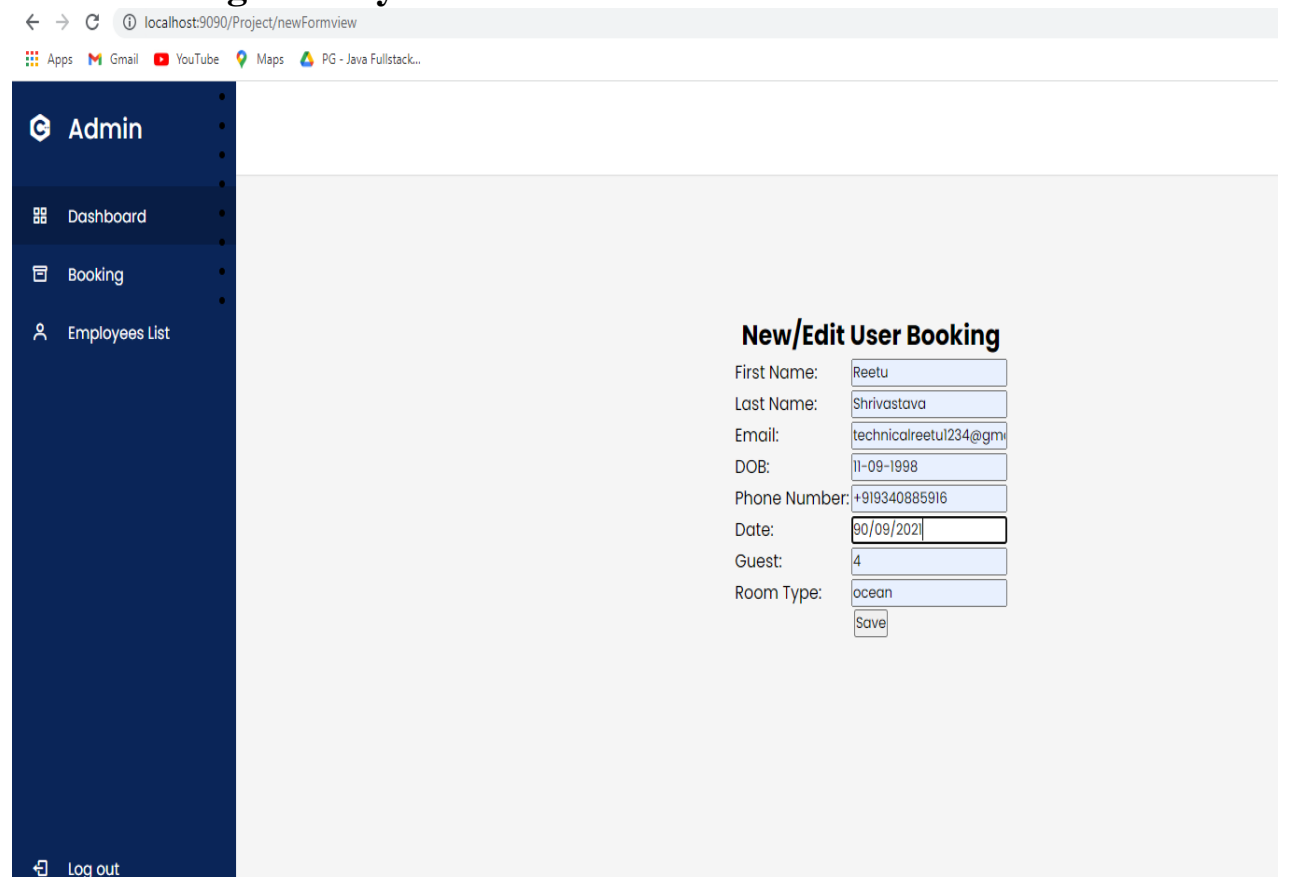
LOGIN



## Admin Dashboard Page:



## User Booking Data by Admin :





# Booking List :

localhost:9090/Project/Formview

YouTube Maps PG - Java Fullstack...

List

## Booking List

First Name	Last Name	Phone Number	Email	DOB	Date	Number of Guest	Room Type
Reetu	Shrivastava	9340885916	shrivastavareetu1234@gmail.com	11-09-1998	90/09/123	4	ocean

New Booking Register Here[here](#)

## Successful Booking List Done:

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHMAS

Filter objects

- bookauthor
- edu
- emp
- employee
- hiber
- hiberinheritance
- hotelmanagement
  - Tables
    - employee
    - feedback
    - formview
      - Columns
      - Indexes
      - Foreign Keys
      - Triggers
    - form
    - payment
    - signup
  - Views
  - Stored Procedures
  - Functions
- my\_fdb
- mydb

Information

Table: formview

Columns:

- id: int AI PK
- date: varchar(255)
- dob: varchar(255)
- email: varchar(255)
- fname: varchar(255)
- guest: varchar(255)
- lname: varchar(255)
- phonenumber: varchar(255)
- room: varchar(255)

Result Grid

1 • SELECT \* FROM hotelmanagement.formview;

id	date	dob	email	fname	guest	lname	phonenumber	room
2	90/09/123	11-09-1998	shrivastavareetu1234@gmail.com	Reetu	4	Shrivastava	9340885916	ocean

formview 1 x

Output

#	Time	Action	Message
35	13:34:01	SELECT * FROM hotelmanagement.signup LIMIT 0, 1000	2 row(s) returned
36	14:05:00	SELECT * FROM hotelmanagement.employee LIMIT 0, 1000	2 row(s) returned
37	14:08:50	SELECT * FROM hotelmanagement.formview LIMIT 0, 1000	1 row(s) returned

## Employee Data by Admin:

localhost:9090/Project/newEmployee

Admin

Dashboard

Booking

Employees List

Log out

### New/Edit Employee

Name:

Email:

Address:

Telephone:

## Employee List:

localhost:9090/Project/EmployeeForm

Admin

Dashboard

Booking

Employees List

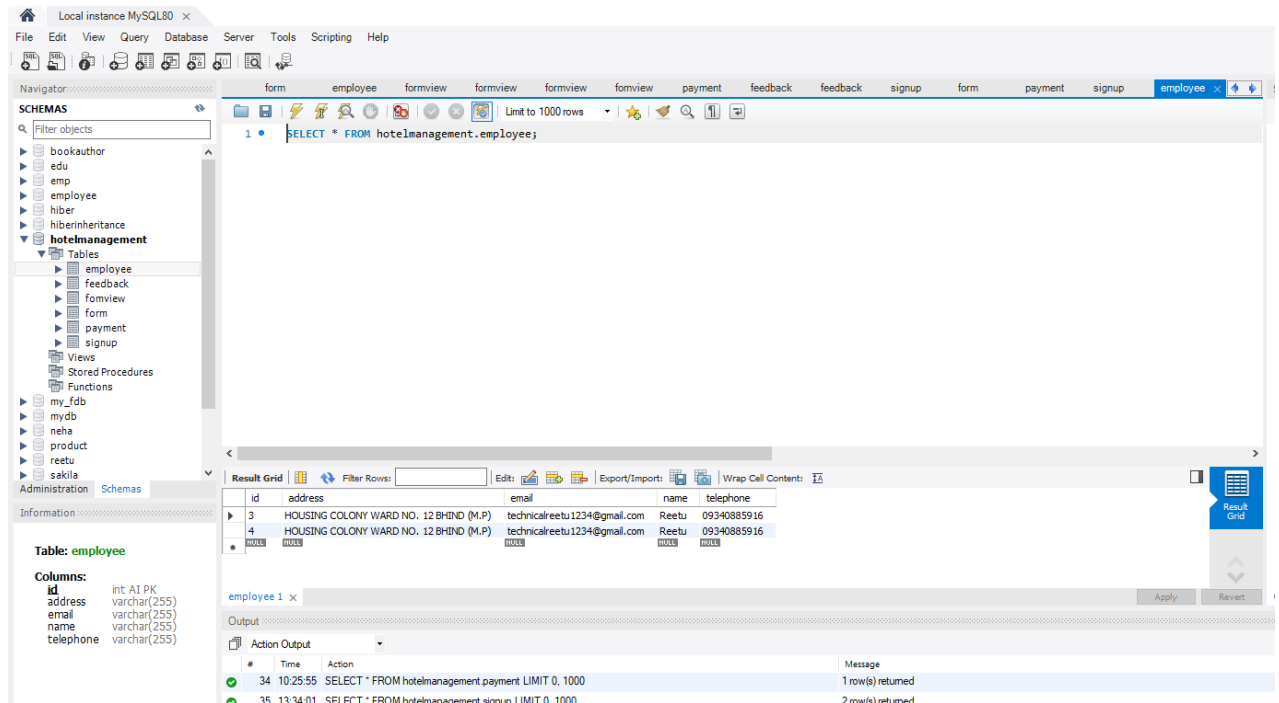
Log out

### Employee List

Name	Email	Address	Telephone	Action
Reetu	technicalreetu1234@gmail.com	HOUSING COLONY WARD NO. 12 BHIND (M.P)	09340885916	<a href="#">Edit</a> <a href="#">Delete</a>
Reetu	technicalreetu1234@gmail.com	HOUSING COLONY WARD NO. 12 BHIND (M.P)	09340885916	<a href="#">Edit</a> <a href="#">Delete</a>

New Employee Register [here](#)

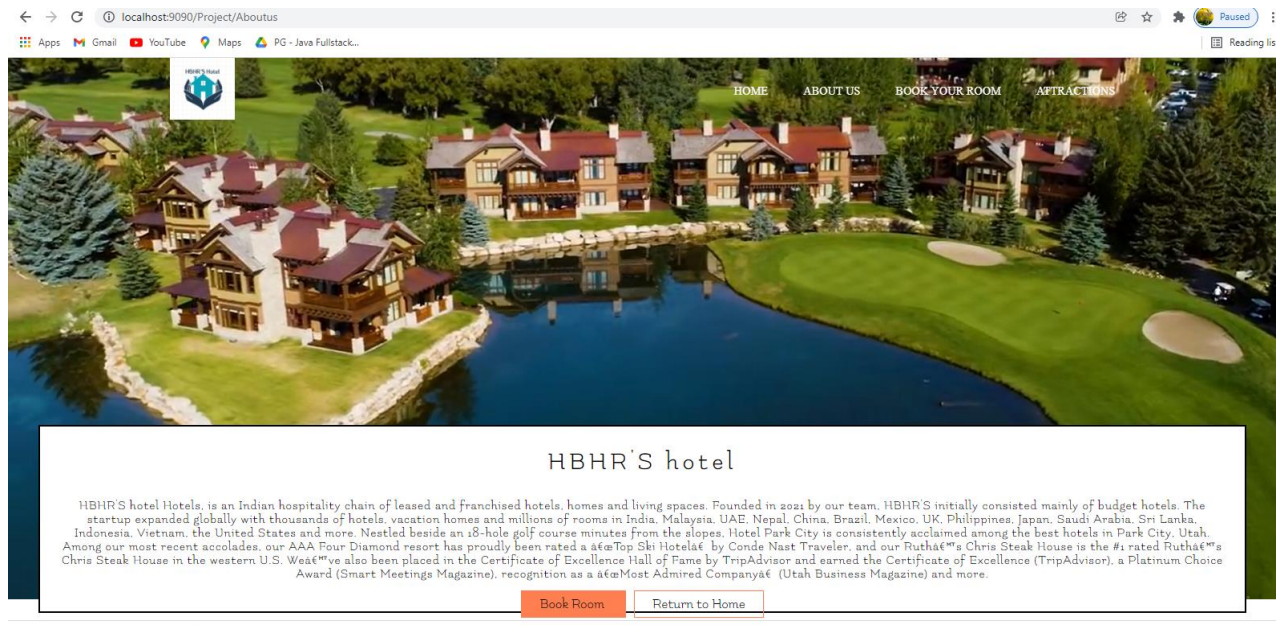
## Successful Booking List Done:



The screenshot shows the MySQL Workbench interface. The 'Schemas' pane on the left lists various databases, with 'hotelmanagement' selected. The 'Tables' pane under 'hotelmanagement' shows 'employee' selected. The 'Query' editor contains the SQL statement: `SELECT * FROM hotelmanagement.employee;`. The 'Result Grid' displays the query results, showing two rows of employee data. The 'Output' pane at the bottom shows the execution log, indicating that the query was successful and returned 2 rows.

#	id	address	email	name	telephone
3		HOUSING COLONY WARD NO. 12 BHIND (M.P)	technicalreetu1234@gmail.com	Reetu	09340885916
4		HOUSING COLONY WARD NO. 12 BHIND (M.P)	technicalreetu1234@gmail.com	Reetu	09340885916

## About Us:



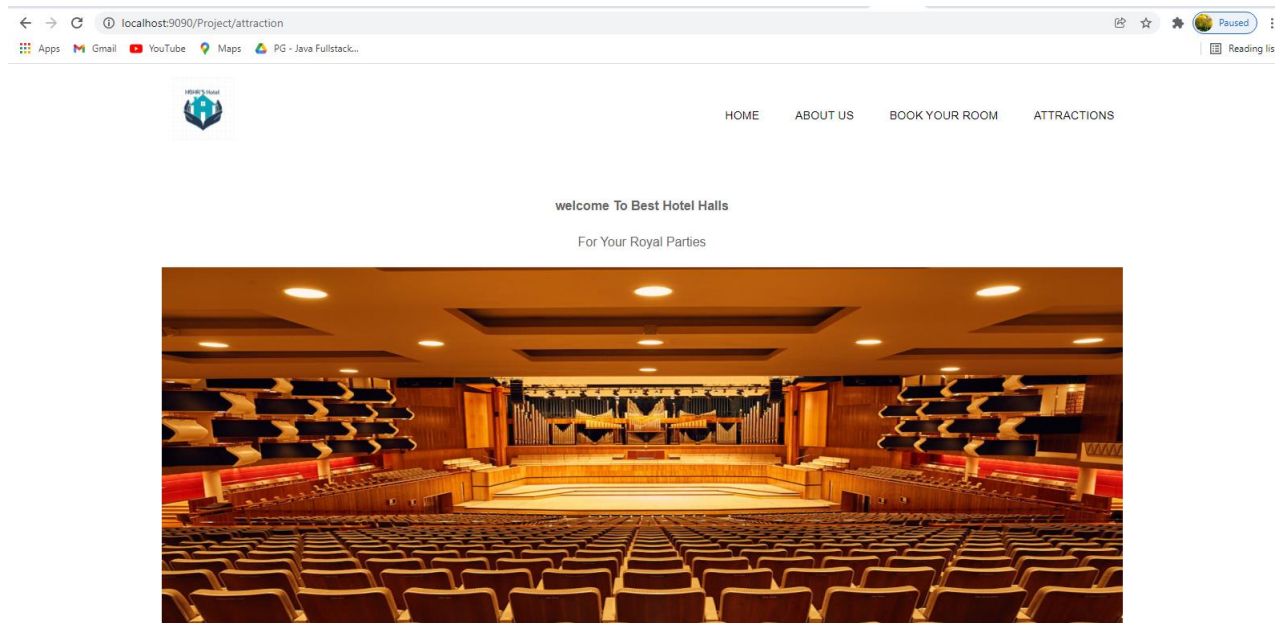
The screenshot shows the 'About Us' page of the HBHR'S hotel website. The page features a large, scenic image of the hotel complex, which includes several large, multi-story buildings with red roofs and balconies, surrounded by lush greenery and a golf course. The website has a navigation bar with links to 'HOME', 'ABOUT US', 'BOOK YOUR ROOM', and 'ATTRACTIONS'. The main content area contains a paragraph about the hotel's history and achievements, followed by two buttons: 'Book Room' and 'Return to Home'.

HBHR'S hotel

HBHR'S hotel Hotels, is an Indian hospitality chain of leased and franchised hotels, homes and living spaces. Founded in 2021 by our team, HBHR'S initially consisted mainly of budget hotels. The startup expanded globally with thousands of hotels, vacation homes and millions of rooms in India, Malaysia, UAE, Nepal, China, Brazil, Mexico, UK, Philippines, Japan, Saudi Arabia, Sri Lanka, Indonesia, Vietnam, the United States and more. Nestled beside an 18-hole golf course minutes from the slopes, Hotel Park City is consistently acclaimed among the best hotels in Park City, Utah. Among our most recent accolades, our AAA Four Diamond resort has proudly been rated a 4-star Top Ski Hotel by Condé Nast Traveler, and our Ruthie's Chris Steak House is the #1 rated Ruthie's Chris Steak House in the western U.S. West™ve also been placed in the Certificate of Excellence Hall of Fame by TripAdvisor and earned the Certificate of Excellence (TripAdvisor), a Platinum Choice Award (Smart Meetings Magazine), recognition as a Most Admired Company (Utah Business Magazine) and more.

[Book Room](#) [Return to Home](#)

**Attraction :**In attractions page the user can see the different types of rooms as images for getting better idea of how the rooms appearance.



**Booking Form Data:**

A screenshot of a web browser displaying the 'Room Booking Form'. The browser's address bar shows 'localhost:9090/Project/Form'. The form is overlaid on a background image of a modern building at dusk. The form fields include: Name (Reetu Shrivastava), Phone Number (+919340885916), Email (technicalreetu234@gmail.com), Check-in Date (90/09/123), Check-out Date (11-09-1998), Number of Rooms (5), and Room Type (Roya Pent House). There are 'Reset' and 'Book Now' buttons at the bottom.

**Successful Booking :**

The screenshot shows a database management interface with a SQL query editor and a result grid. The query is:

```
SELECT * FROM hotelmanagement.form;
```

The result grid displays the following data:

id	date	dob	email	fname	guest	lname	phonenumber	room
1	90/09/123	11-09-1998	technicalreetu1234@gmail.com	Reetu	NA	Shrivastava	+919340885916	NA
2	90/09/123	11-09-1998	technicalreetu1234@gmail.com	Reetu	NA	Shrivastava	+919340885916	NA

The interface also shows a schema tree on the left with the following structure:

- bookauthor
- edu
- emp
- employee
- hiber
- hiberinheritance
- hotelmanagement
  - employee
  - feedback
  - formview
  - form
  - payment
  - signup
- Views
- Stored Procedures
- Functions
- my\_fdb
- mydb
- neha
- product
- reetu
- sakila

The bottom status bar indicates: 36 14:05:00 SELECT \* FROM hotelmanagement.employee LIMIT 0, 1000 2 row(s) returned

## Payment Form:

The screenshot shows a web browser displaying a payment form. The form is titled "Payment Form" and contains the following fields:

- Name
- Email Id
- Contact No.
- Address
- City
- Pin Code
- Payment Method (dropdown menu showing "COD")

A green button labeled "PROCEED FOR PAYMENT" is located at the bottom of the form.

## Payment Form with Data:

localhost:9090/Project/payment\_form

Apps Gmail YouTube Maps PG - Java Fullstack... Reading list

### Payment Form

Name  
Reetu Shrivastava

Email Id  
technicalreetu1234@gmail.com

Contact No.  
9876554444

Address  
HOUSING COLONY WARD NO. 12 BHIND (M.P)

City  
BHIND

Pin Code  
477001

Payment Method  
COD

PROCEED FOR PAYMENT

## Successful Payment Done:

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: Filter objects

SCHEMAS

- bookauthor
- edu
- emp
- employee
- hiber
- hiberinheritance
- hotelmanagement
  - Tables
    - employee
    - feedback
    - formview
    - form
    - payment
    - signup
  - Views
  - Stored Procedures
  - Functions
- my\_fdb
- mydb
- neha
- product
- reetu
- sakila

Administration Schemas

Information

Table: payment

Columns:

- id int AI
- account\_holdername varchar
- address varchar
- card\_no varchar
- card\_type varchar
- city varchar
- contact\_no varchar
- cvv varchar
- email varchar
- exp\_date varchar
- name varchar

view formview formview formview payment feedback feedback signup form payment signup employee formview form pay

1 • SELECT \* FROM hotelmanagement.payment;

Limit to 1000 rows

Result Grid

	id	account_holdername	address	card_no	card_type	city	contact_no	cvv	email	exp_date	name
▶	1		HOUSING COLONY WARD NO. 12 BHIND (M.P)		visa	BHIND	987655		technicalreetu1234@gmail.com		Reetu Shrivastava
▶	2		HOUSING COLONY WARD NO. 12 BHIND (M.P)		visa	BHIND	9876554444		technicalreetu1234@gmail.com		Reetu Shrivastava
*											

payment 1 x

Output

Action Output

#	Time	Action	Message
✓ 37	14:08:50	SELECT * FROM hotelmanagement.formview LIMIT 0, 1000	1 row(s) returned
✓ 38	15:56:10	SELECT * FROM hotelmanagement.form LIMIT 0, 1000	2 row(s) returned
✓ 39	16:32:03	SELECT * FROM hotelmanagement.payment LIMIT 0, 1000	2 row(s) returned

Object Info Session

**Thank you**