



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.

Software Requirements:

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

Back end: MySQL workbench 8.0.23CE.

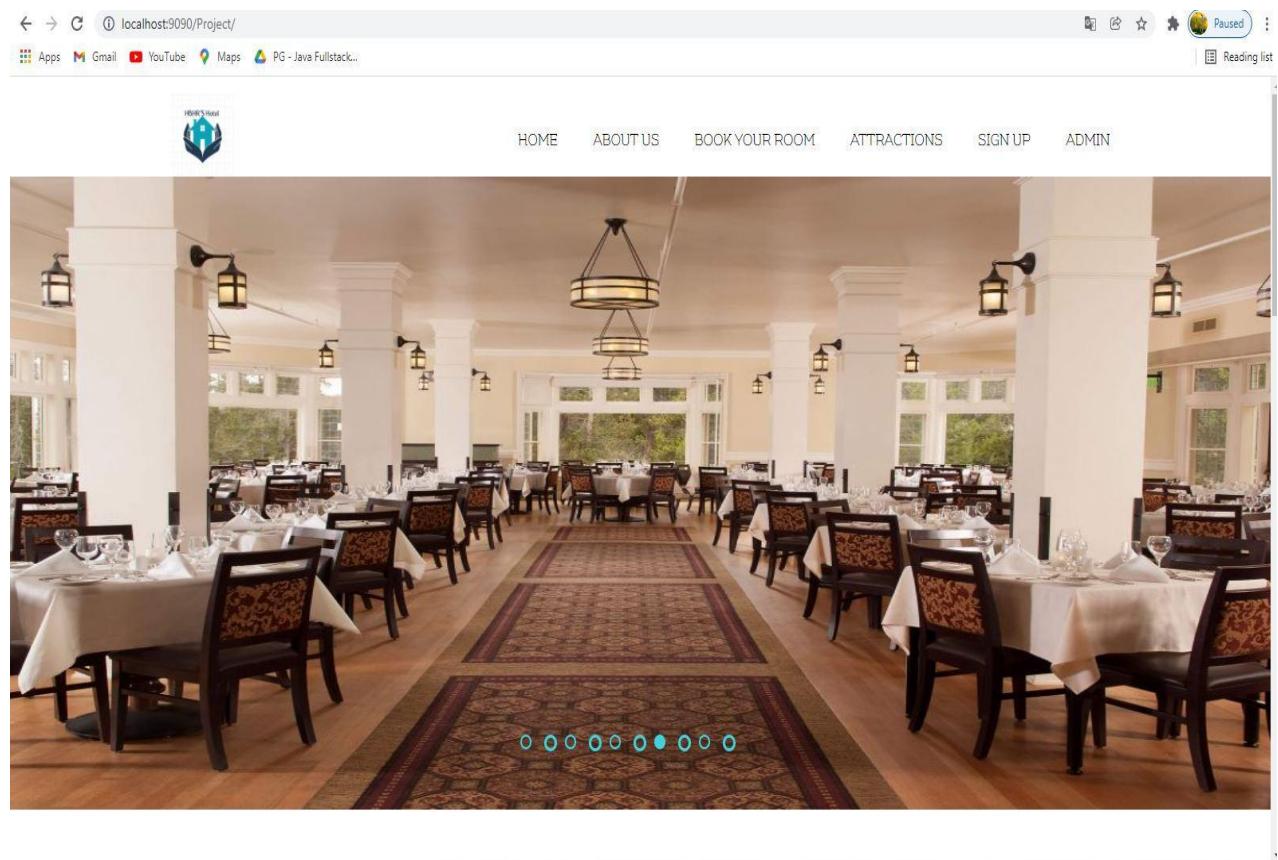
Middleware/Server: Apache Tomcat v7.0. IDE: Eclipse IDE for Java EE Developers

Browser: Best result on Google Chrome

Operating System: Window 10.

Screenshots:-

Home Page:



Signup Page:

localhost:9090/Project/Signup

HOME ABOUT US BOOK YOUR ROOM ATTRACTIONS

Sign Up

Please fill in this form to create an account.

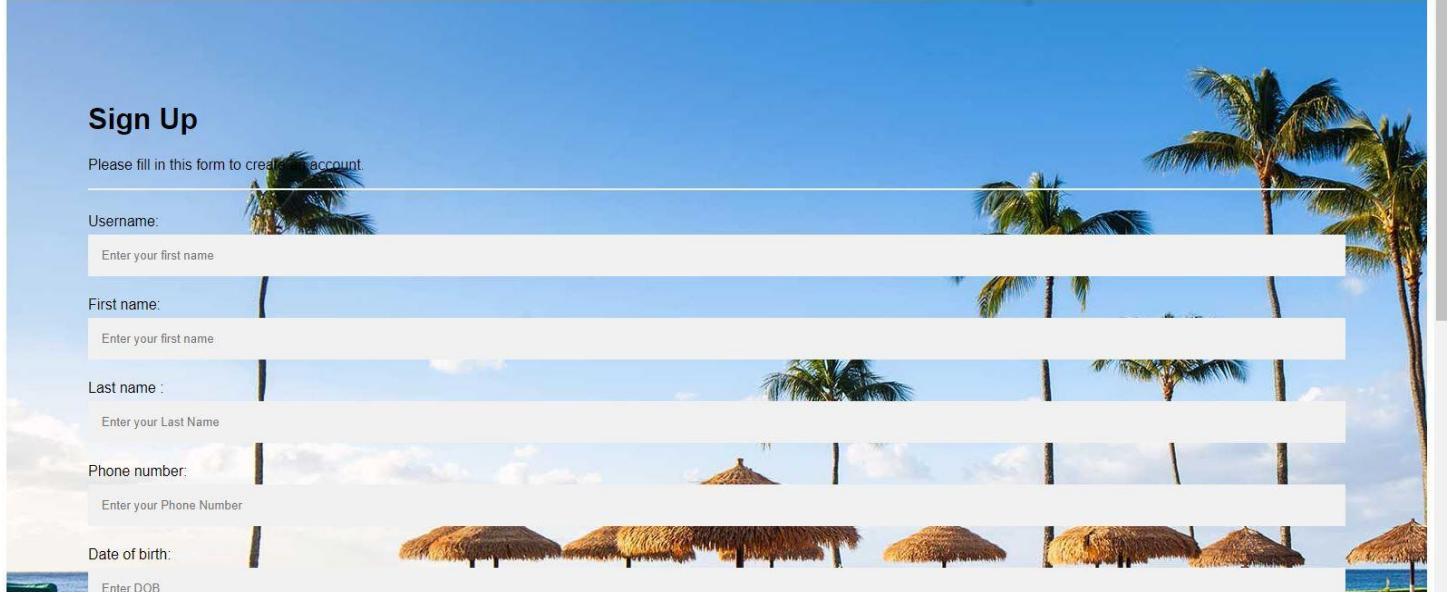
Username:

First name:

Last name:

Phone number:

Date of birth:



Signup With Data:

localhost:9090/Project/Signup

HOME ABOUT US BOOK YOUR ROOM ATTRACTIONS

Sign Up

Please fill in this form to create an account.

Username:

First name:

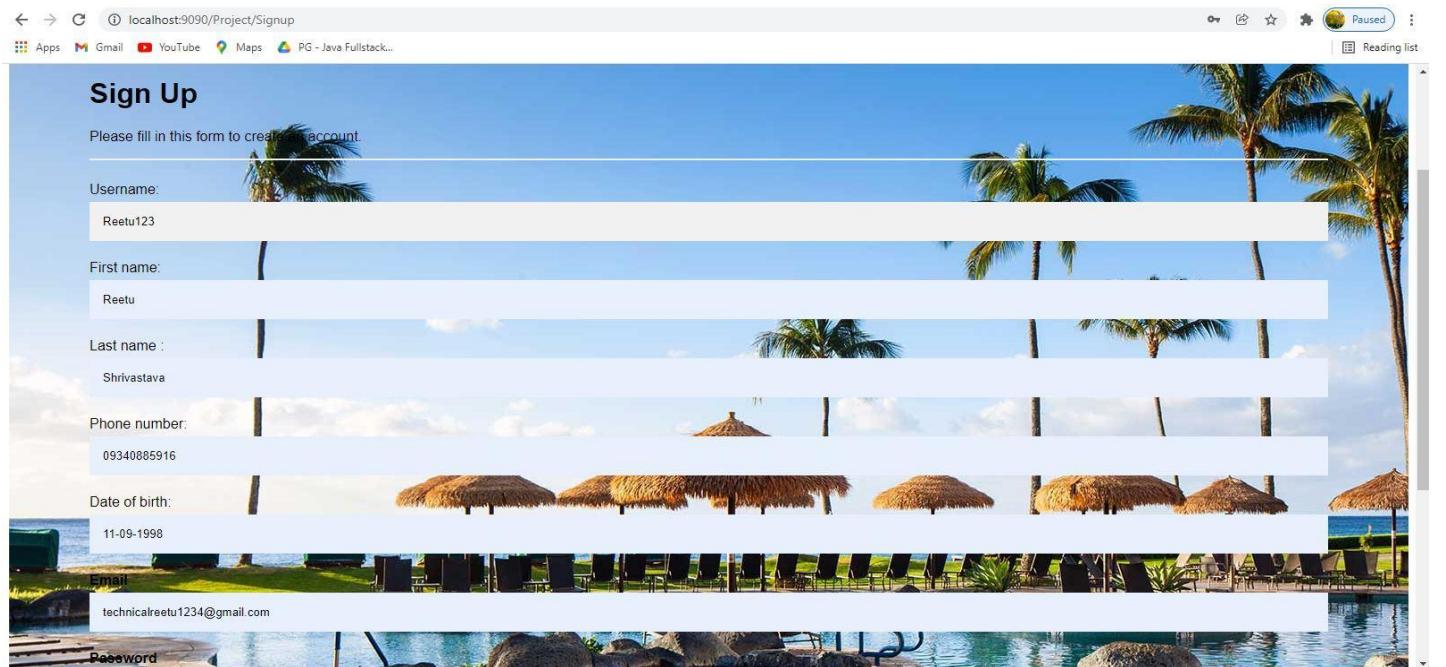
Last name:

Phone number:

Date of birth:

Email:

Password:



Successful Signup Done:

The screenshot shows the MySQL Workbench interface. The left sidebar displays the Navigator with the Schemas tree, where the 'hotelmanagement' schema is selected. Under 'Tables', the 'signup' table is highlighted. The main area shows the 'Result Grid' for the query `SELECT * FROM hotelmanagement.signup;`. The grid contains two rows of data:

	id	dob	email	fname	lname	password	phonenumber	rpassword	username	
1	1	11-09-1998	technicalreetu123@gmail.com	Reetu	Reetu	Shrivastava	123	09340885916	123	HULL
2	2	11-09-1998	technicalreetu123@gmail.com	Reetu123	Reetu	Shrivastava	123	09340885916	123	HULL

Below the grid, the 'Action Output' section shows three log entries:

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

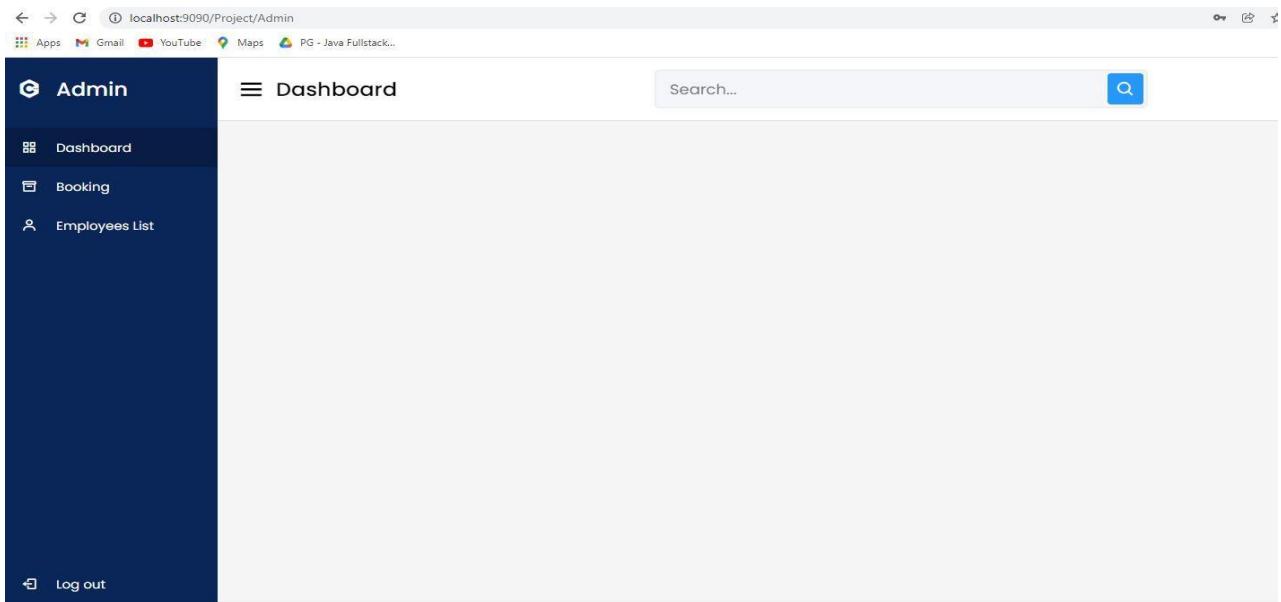
Admin Page:

The screenshot shows a browser window at `st:9090/Project/LoginWorking`. A modal dialog box is displayed with the message: "localhost:9090 says Admin Login Successfull!! Directing to Landing Page". There is an "OK" button at the bottom right of the dialog.

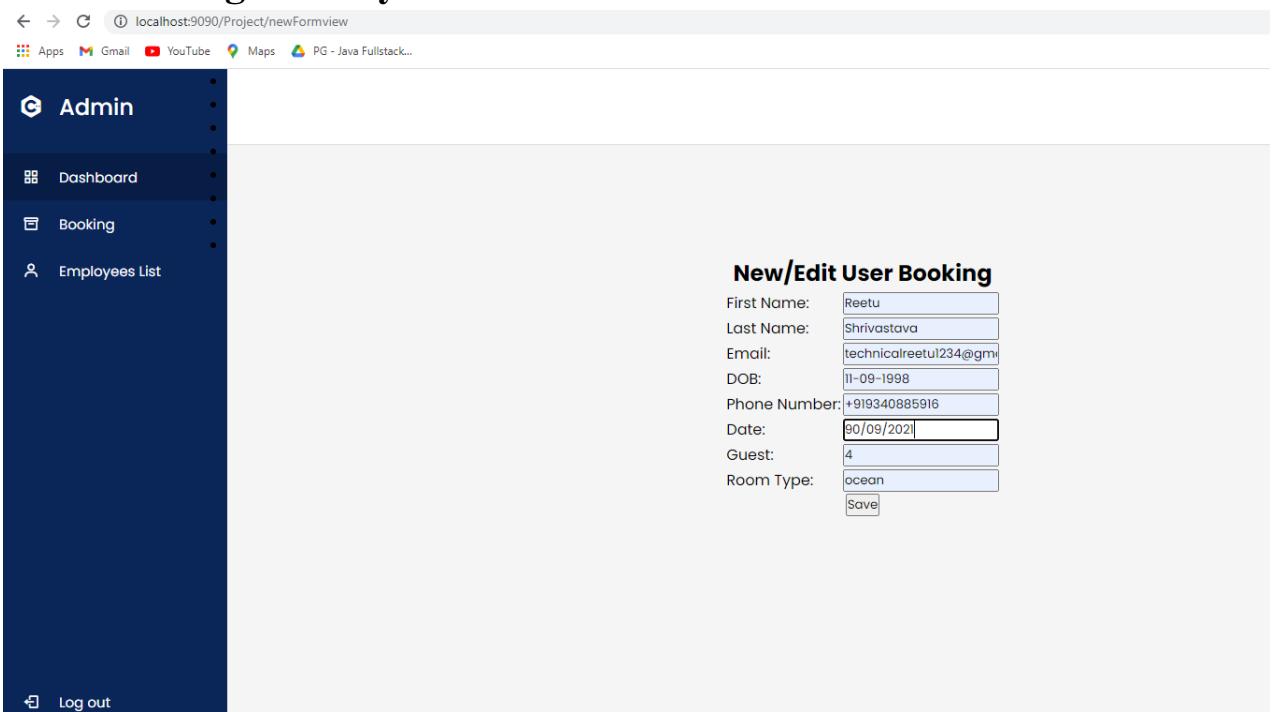
Welcome To Hotel Management System

The screenshot shows the 'Login Here' form. It has three input fields: 'USERNAME:' with value 'Admin', 'PASSWORD:' with masked value '*****', and 'LOGIN TYPE:' with dropdown value 'Admin'. Below the form is a large green 'LOGIN' button.

Admin Dashboard Page:



User Booking Data by Admin :



Booking List :

localhost:9090/Project/Formview

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List

Booking List

First Name	Last Name	Phone Number	Email	DOB	Date	Number of Guest	Room Type	Edit	Delete
Reetu	Shrivastava	9340885916	shrivastavareetul234@gmail.com	11-09-1998	90/09/1234	4	ocean	Edit	Delete

New Booking Register Here [here](#)

Successful Booking List Done:

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

SCHEMAS

employee formview formview formview formview payment feedback feedback signup form payment signup employee formview

employee formview formview formview formview payment feedback feedback signup form payment signup employee formview

1 • `SELECT * FROM hotelmanagement.formview;`

Tables

- bookauthor
- edu
- emp
- employee
- hiber
- hibernateinheritance
- hotelmanagement
- Tables
- employee
- feedback
- formview
- Columns
- Indexes
- Foreign Keys
- Triggers
- form
- payment
- signup
- Views
- Stored Procedures
- Functions
- my_fdb
- mydb

Administration Schemas

Information

Table: formview

Columns:

id	date	dob	email	fname	guest	lname	phonenumber	room
2	90/09/123	11-09-1998	shrivastavareetul234@gmail.com	Reetu	4	Shrivastava	9340885916	ocean
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid Filter Rows: Edit Export/Import Wrap Cell Content: Result Grid

formview 1

Action 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

Object Info Session

Employee Data by Admin:

localhost:9090/Project/newEmployee

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Admin

- Dashboard
- Booking
- Employees List

Log out

New/Edit Employee

Name:	Reetu
Email:	technicalreetu234@gmail.com
Address:	HOUSING COLONY WARD
Telephone:	09340885916

[Save](#)

Employee List:

localhost:9090/Project/EmployeeForm

Apps Gmail YouTube Maps PG - Java Fullstack...

Admin

- Dashboard
- Booking
- Employees List

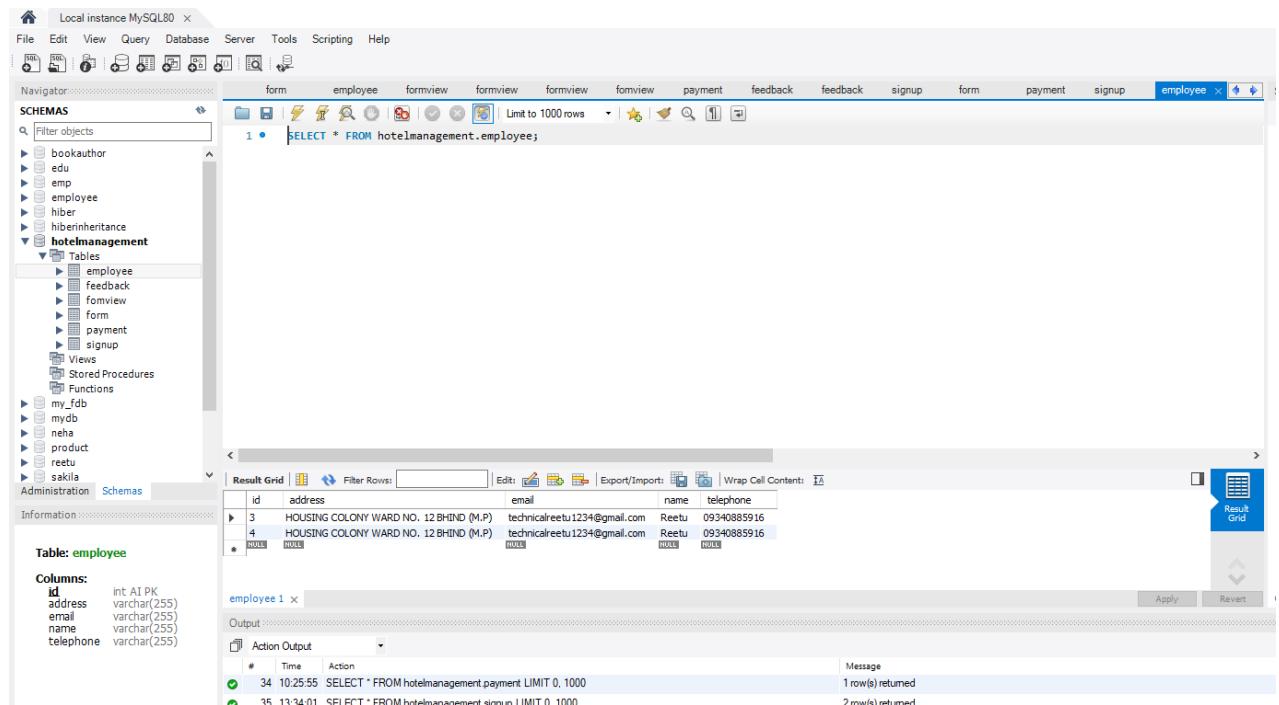
Log out

Employee List

Name	Email	Address	Telephone	Action
Reetu	technicalreetu234@gmail.com	HOUSING COLONY WARD NO. 12 BHIND (M.P)	09340885916	Edit Delete
Reetu	technicalreetu234@gmail.com	HOUSING COLONY WARD NO. 12 BHIND (M.P)	09340885916	Edit Delete

[New Employee Register here](#)

Successful Booking List Done:



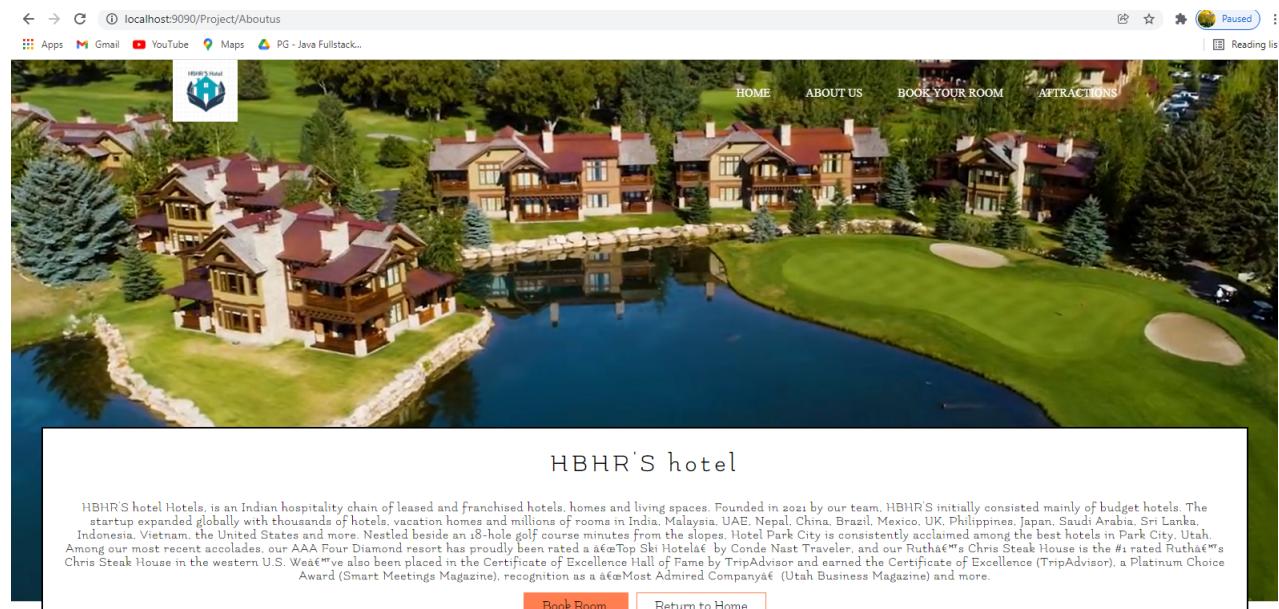
The screenshot shows the MySQL Workbench interface. In the top navigation bar, the database is set to "Local instance MySQL80". The left sidebar displays the "Schemas" tree, with "hotelmanagement" selected, showing its tables: employee, feedback, formview, form, payment, and signup. The main pane shows a SQL query window with the command "SELECT * FROM hotelmanagement.employee;". Below it is a "Result Grid" showing two rows of data from the employee table:

	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

At the bottom, the "Action Output" pane shows two log entries:

- 34 10:25:55 SELECT * FROM hotelmanagement.payment LIMIT 0, 1000 1 row(s) returned
- 35 13:34:01 SFI FCT * FROM hotelmanagement.signup LIMIT 0, 1000 2 row(s) returned

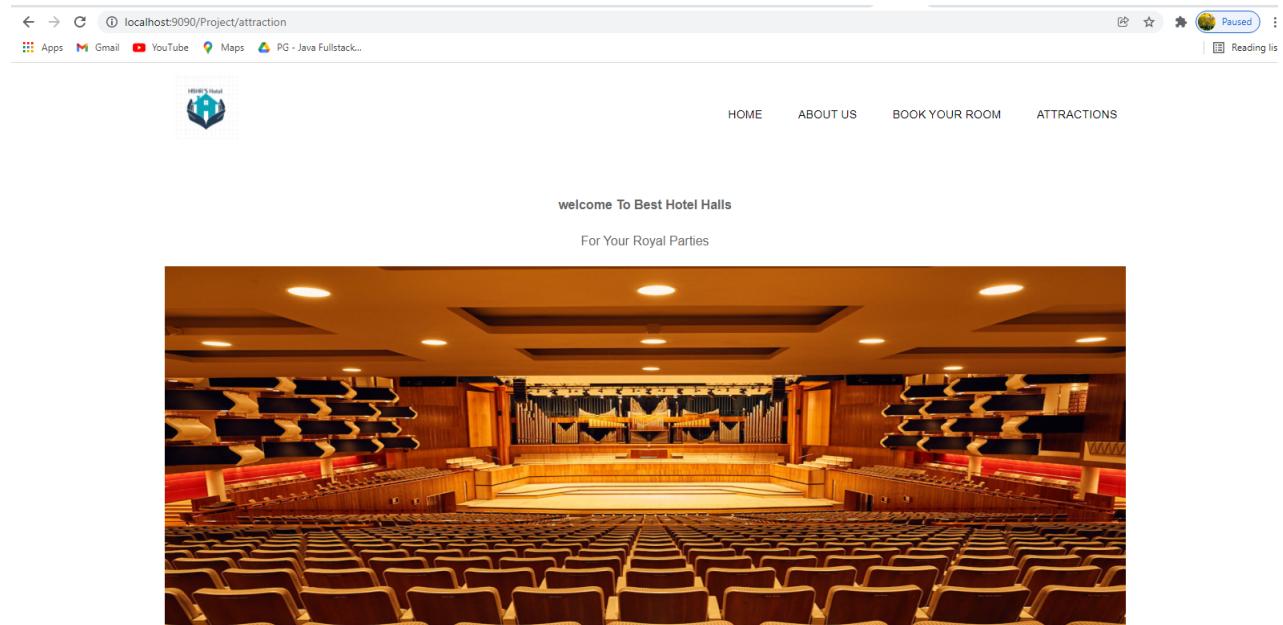
About Us:



The screenshot shows the homepage of HBHR's hotel website. The header features a logo of a stylized building with a crown, followed by the text "HBHR'S hotel". The top navigation menu includes links for "HOME", "ABOUT US", "BOOK YOUR ROOM", and "ATTRACTONS". The main visual is a large aerial photograph of a luxury resort complex built into a hillside, with numerous houses and a golf course visible. Below the image, a white box contains the text "HBHR'S hotel" and a detailed paragraph about the hotel's history and accolades. At the bottom of the page are two orange buttons: "Book Room" and "Return to Home".

HBHR'S hotel Hotels, 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 #1 Top Ski Hotel[®] by Conde Nast Traveler, and our Ruthie's Chris Steak House is the #1 rated Ruthie's Chris Steak House in the western U.S. We'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 #1 Most Admired Company[®] (Utah Business Magazine) and more.

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 a room booking form. The URL is localhost:9090/Project/Form. The page has a header with a logo for "HOTEL'S Hotel", navigation links for HOME, ABOUT US, BOOK YOUR ROOM, and ATTRACTIONS, and a search bar. The main content is a "Room Booking Form" with a background image of a modern building at dusk. The form includes fields for Name (Reetu), Email (Shrivastava), Phone Number (+919340885916), Date (09/09/2023), and Room Type (Roya Pent House). It also features a "Book Now" button and a "Reset" button.

Successful Booking :

The screenshot shows the MySQL Workbench interface. In the top navigation bar, the 'SQL' tab is selected. Below it, the 'Navigator' pane displays the database schema, including the 'hotelmanagement' schema which contains tables like 'employee', 'feedback', 'formview', 'form', 'payment', and 'signup'. The main workspace shows the results of a SQL query: 'SELECT * FROM hotelmanagement.form;'. The result grid displays two rows of data:

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

Below the result grid, the 'Table: form' section shows the table structure with columns: id, date, dob, email, fname, guest, lname, phonenumer, and room. The 'Actions' panel at the bottom indicates the last query was run at 36 14:05:00.

Payment Form:

The screenshot shows a web browser window with the URL 'localhost:9090/Project/payment_form'. The page title is 'Payment Form'. The form consists of several input fields: Name (text), Email Id (text), Contact No. (text), Address (text), City (text), and Pin Code (text). Below these fields is a 'Payment Method' dropdown menu with 'COD' selected. At the bottom of the form is a large purple button labeled 'PROCEED FOR PAYMENT'.

Payment Form with Data:

The screenshot shows a web browser window with the URL `localhost:9090/Project/payment_form`. The page title is "Payment Form". The form fields contain the following data:

- 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

A large purple button at the bottom right of the form area is labeled "PROCEED FOR PAYMENT".

Successful Payment Done:

The screenshot shows the MySQL Workbench interface. The left sidebar shows the database structure under the "hotelmanagement" schema, including tables like payment, employee, and formview.

In the main pane, a query editor window displays the SQL command: `SELECT * FROM hotelmanagement.payment;`. Below it, the "Result Grid" shows the data inserted into the payment table:

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

The "Output" section at the bottom shows the log of actions taken:

#	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

Thank you