



“Hotel Room Booking Website”

Faculty:

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Arranged by: Group 4

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**Continuing Education Program Center for Computing and Information Technology
Faculty of Engineering, University of Indonesia**

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PROJECT ON
Hotel Room Booking Website

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Name of Faculty : Muhammad Idham Khalif, S.Kom

Group 4

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CERTIFICATE

This is to certify the report, titled **Hotel Room Booking Website** embodies original work done by Gafrilatif Aviandi Putra Adnanta and Muhamad Farhan Budiana in fulfilling the first CRUD Website Development based on PHP and MySql database assignment in CCIT-FT UI.

Coordinator

Mr. Muhammad Idham Khalif, S.Kom

ACKNOWLEDGEMENT

Praise be to the presence of Allah, SWT. who has helped us in making this project because without the pleasure of it we will not be able to make this project. we also thank to Mr. Muhammad Idham Khalif, S.Kom as our lecturer and mentor in making this project entitled **Hotel Room Booking Website.**

The success and final outcome of this project required a lot of guidance and assistance from many people and we were extremely privileged to have got this all along the completion of our project. All that we have done is only due to such supervision and assistance and we would not forget to thank them. Hopefully what we have made can be useful in the future.

Best Regards,

Authors

System Analysis

A system analysis of a Hotel Room Booking Website using PHP that uses Phpmyadmin database involves identifying the functional and non-functional requirements of the system, such as features for creating and login with an account, booking a hotel room, decide check in and check out.

A Hotel Room Booking Website using PHP and Phpmyadmin database is a complex system that requires careful analysis to ensure it meets the needs of its users. Through system analysis, we can identify the functional and non-functional requirements of the website. By considering these requirements, we can design and develop a reliable hotel room booking website that provides an enjoyable experience for user.

Database Design

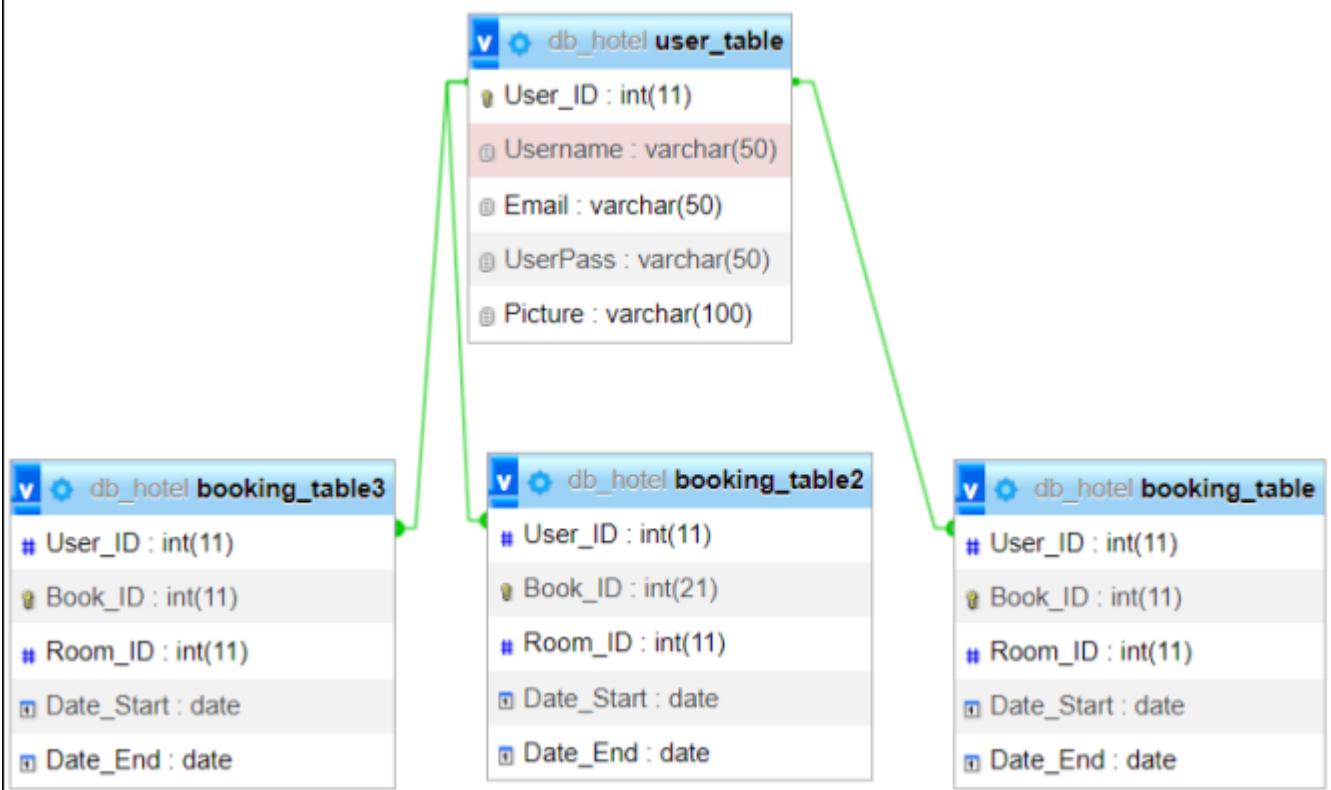
Whole database design

User Table : Account login and Registration

booking_table : Reguler Room

booking_table2 : Elite Room

booking_table3 : Suite Class



Database Design

Database structure for Booking_table

The screenshot shows the 'Structure' tab of MySQL Workbench for the 'booking_table'. The table has five columns: User_ID, Book_ID, Room_ID, Date_Start, and Date_End. The primary key is Book_ID. The Room_ID column has a default value of 210.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	User_ID	int(11)			No	None			Change Drop More
2	Book_ID	int(11)			No	None	AUTO_INCREMENT		Change Drop More
3	Room_ID	int(11)			No	210			Change Drop More
4	Date_Start	date			No	None			Change Drop More
5	Date_End	date			No	None			Change Drop More

Database structure for Booking_table2

The screenshot shows the 'Structure' tab of MySQL Workbench for the 'Booking_table2'. The table has five columns: User_ID, Book_ID, Date_Start, Date_End, and Room_ID. The primary key is Book_ID. The Room_ID column has a default value of 210.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	User_ID	int(11)			No	None			Change Drop More
2	Book_ID	int(11)			No	None	AUTO_INCREMENT		Change Drop More
3	Date_Start	date			No	None			Change Drop More
4	Date_End	date			No	None			Change Drop More
5	Room_ID	int(11)			No	210			Change Drop More

Database structure for Bookinf_table3

The screenshot shows the 'Structure' tab of MySQL Workbench for the 'Bookinf_table3'. The table has five columns: User_ID, Book_ID, Date_Start, Date_End, and Room_ID. The primary key is Book_ID. The Room_ID column has a default value of 310.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	User_ID	int(11)			No	None			Change Drop More
2	Book_ID	int(11)			No	None	AUTO_INCREMENT		Change Drop More
3	Date_Start	date			No	None			Change Drop More
4	Date_End	date			No	None			Change Drop More
5	Room_ID	int(11)			No	310			Change Drop More

Database Design

Database structure for User_table

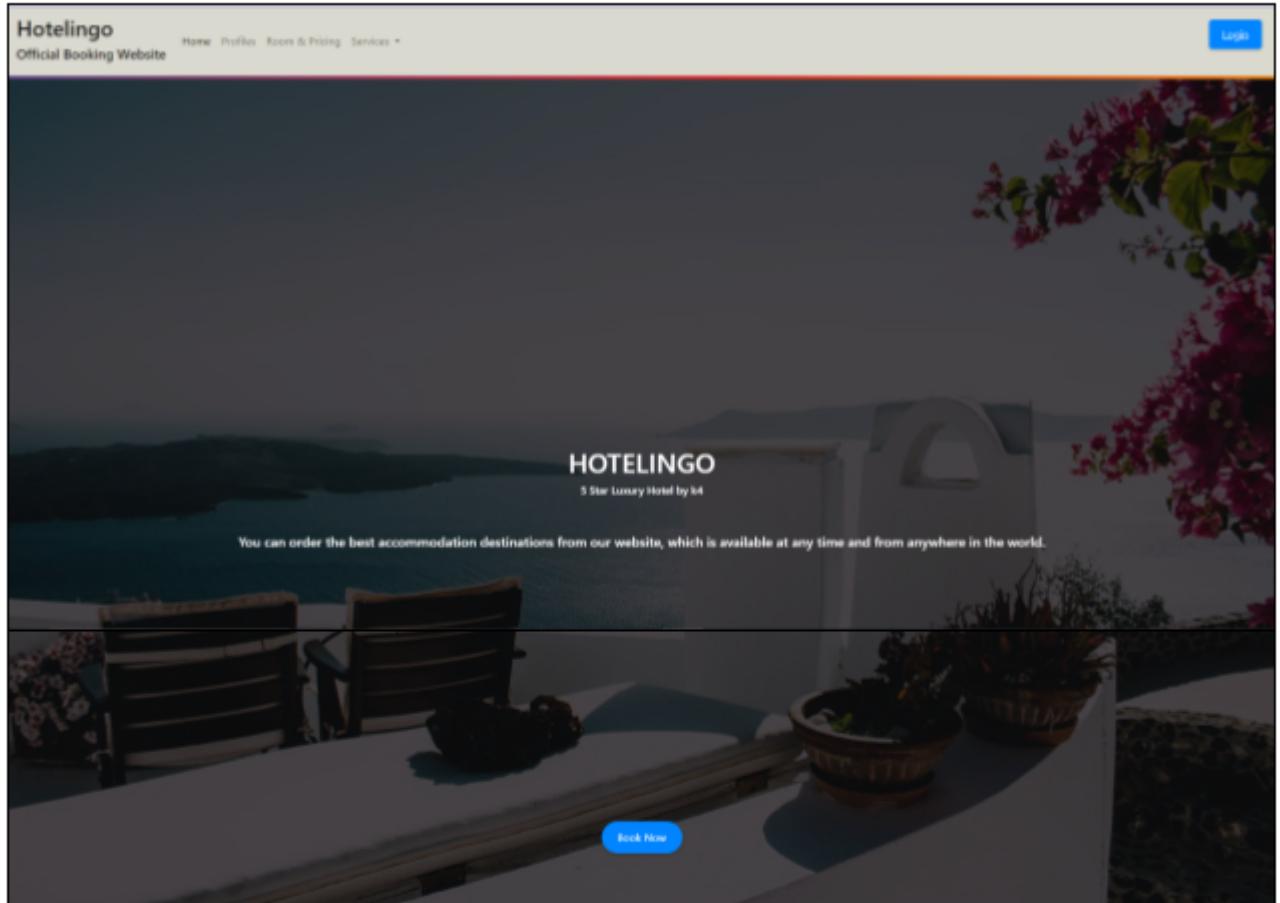
The screenshot shows the MySQL Workbench interface for managing database structures. The top navigation bar includes tabs for Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, and Triggers. The 'Structure' tab is selected. Below the tabs, there are two buttons: 'Table structure' (selected) and 'Relation view'. The main area displays the table structure for 'User_table' with the following columns:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	User_ID	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	Username	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
3	Email	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
4	UserPass	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
5	Picture	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More

At the bottom left, there are checkboxes for 'Check all' and 'With selected:', and buttons for 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', 'Spatial', and 'Fulltext'. At the bottom right, there are icons for 'Up', 'Down', 'Check all', and 'With selected:'.

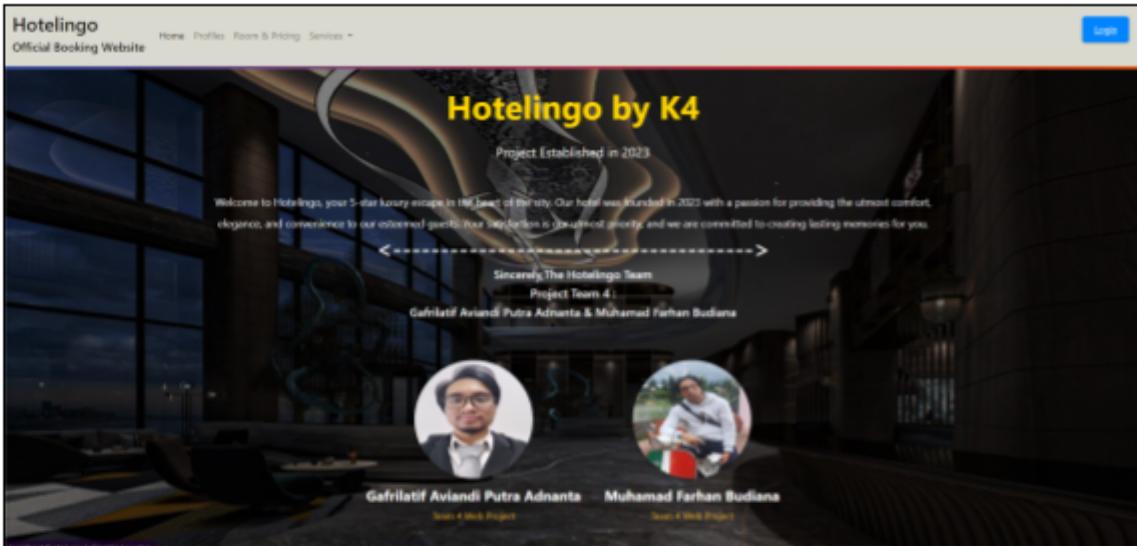
User Interface (UI)

This is the Index.php page or the Landing page of our website

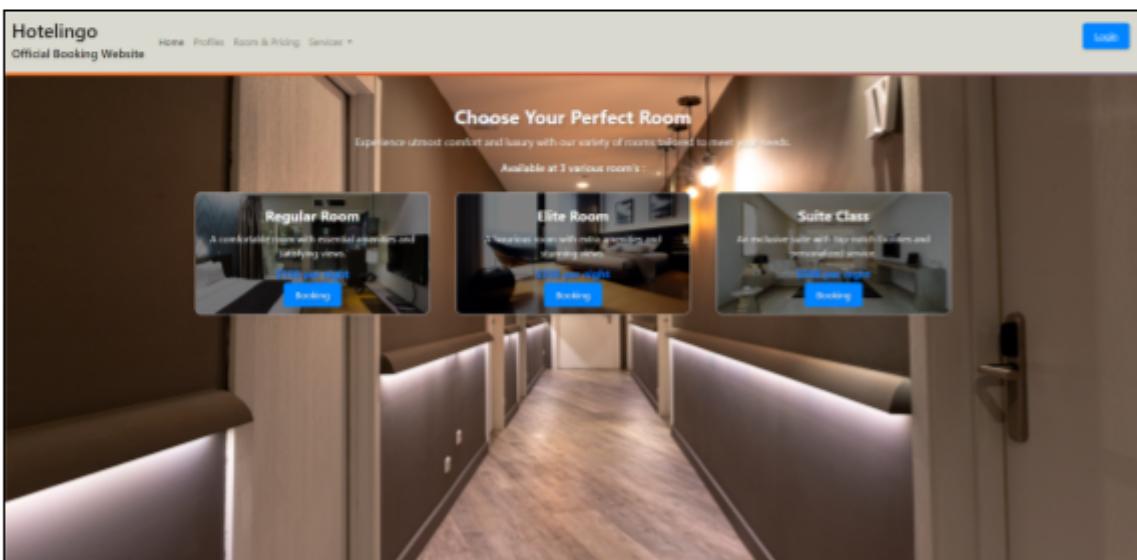


User Interface (UI)

This is our Profiles page

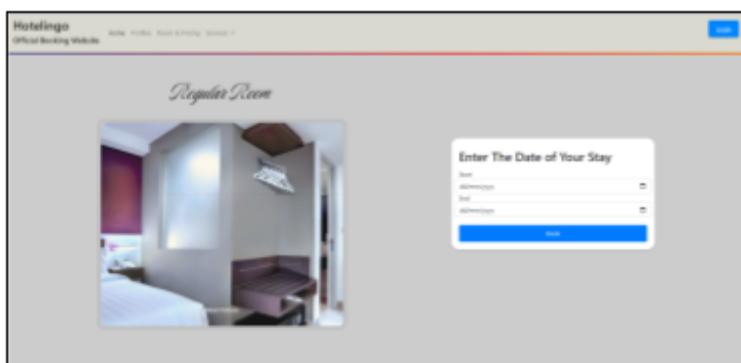


And this is our Room & Pricing page

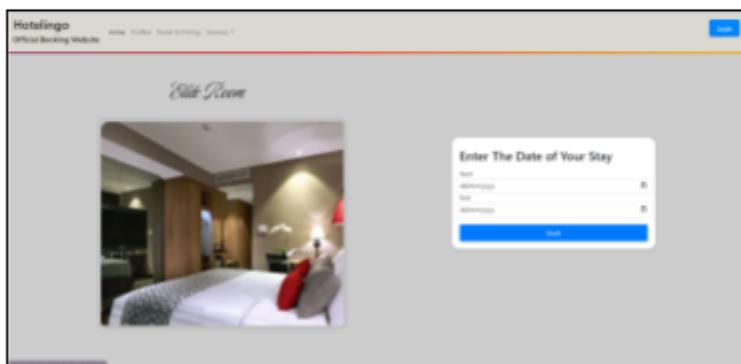


User Interface (UI)

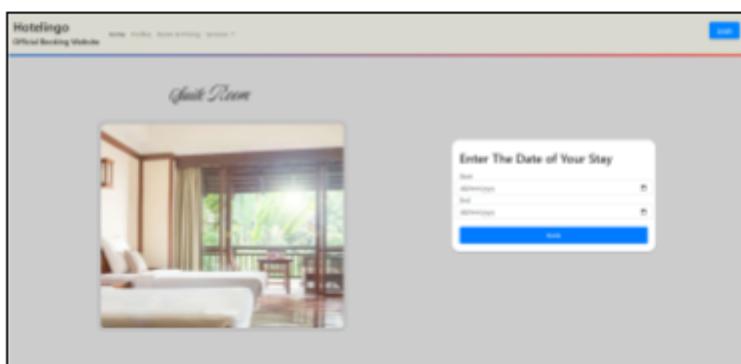
This is our Regular Room Booking page



This is our Elite Room Booking page

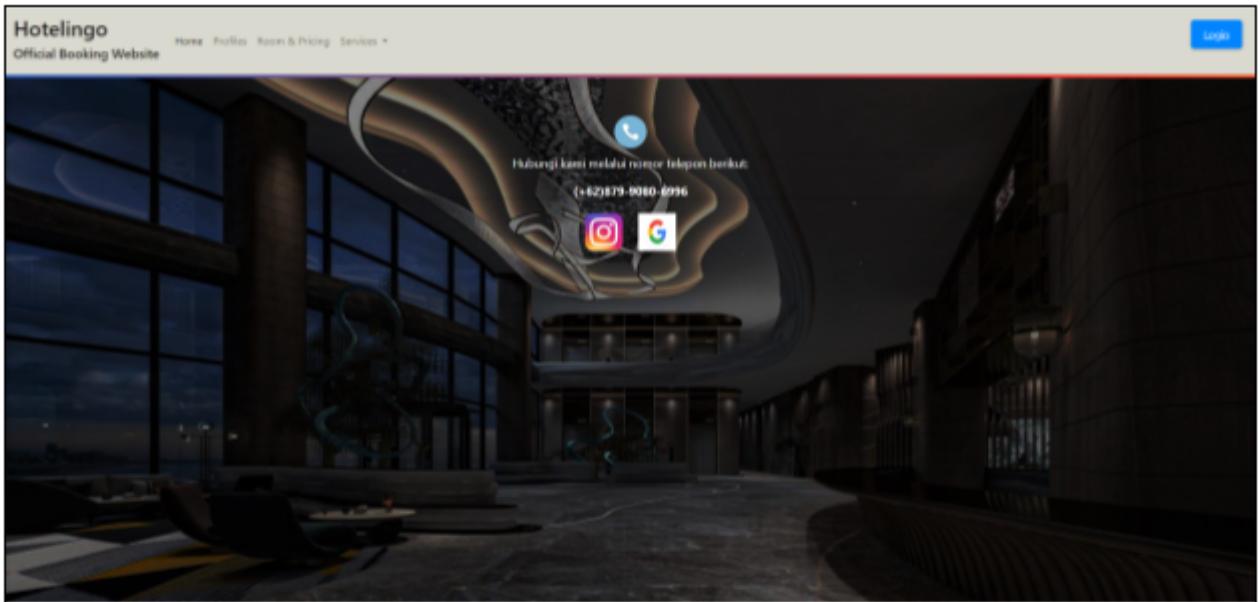


This is our Suite Room Booking page



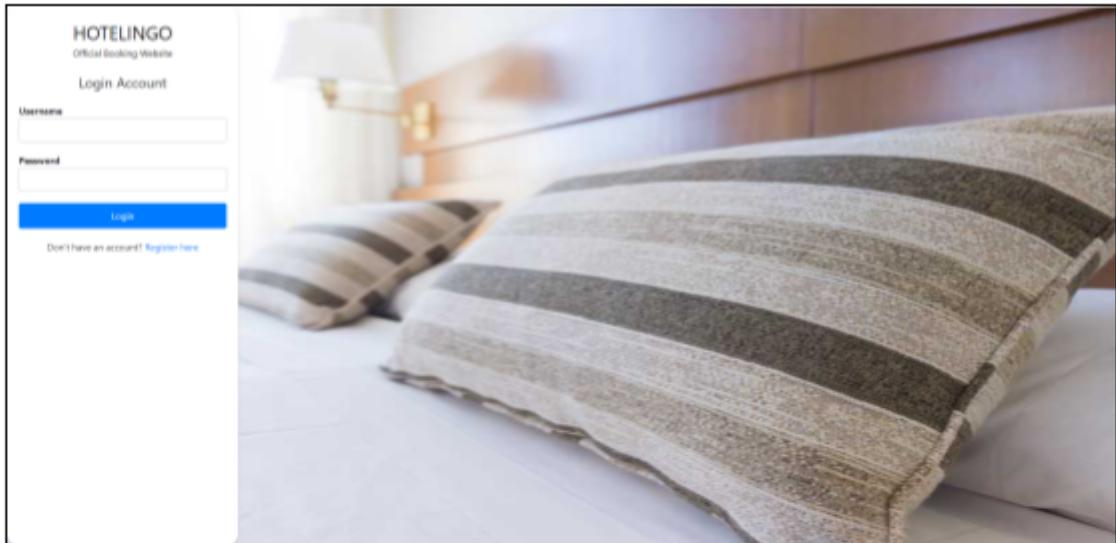
User Interface (UI)

After that we have our Contacts page

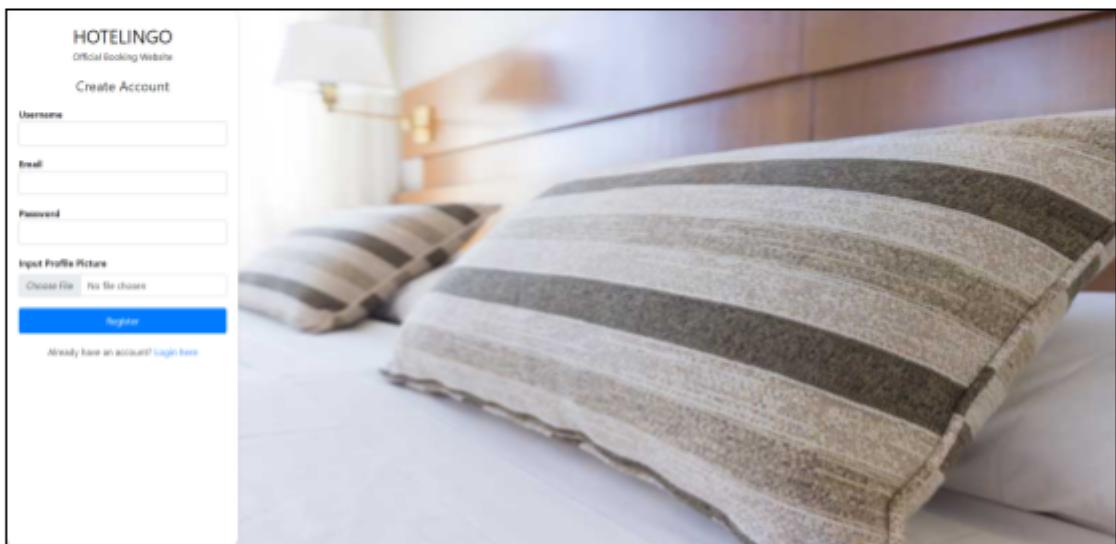


User Interface (UI)

And now we have our Login page



And this is our Register page



User Interface (UI)

This is our navbar after user successfully login



This is where you can see your booked rooms

A screenshot of a web page titled "Services - Your Booked Room". The page has a header with the Hotelingo logo, a navigation bar, and a user profile icon. Below the header, there is a section titled "Room Database" with a sub-section "Room Details". A note states: "Contain customer's occupied hotel rooms." It includes a link: "→ 119/11 - Register RoomID * 219/21 - Edit RoomID * 319/31 - Delete RoomID". Below this is a table with three rows of data. The table columns are: Ma., Room_ID, Book_ID, User_AccountID, Check_in, Check_out, and Action. The data is as follows:

Ma.	Room_ID	Book_ID	User_AccountID	Check_in	Check_out	Action
1	110	100	1	2023-08-05	2023-08-07	<button>Edit</button> <button>Delete</button>
2	310	300	1	2023-08-16	2023-08-17	<button>Edit</button> <button>Delete</button>
3	210	200	1	2023-08-17	2023-08-18	<button>Edit</button> <button>Delete</button>

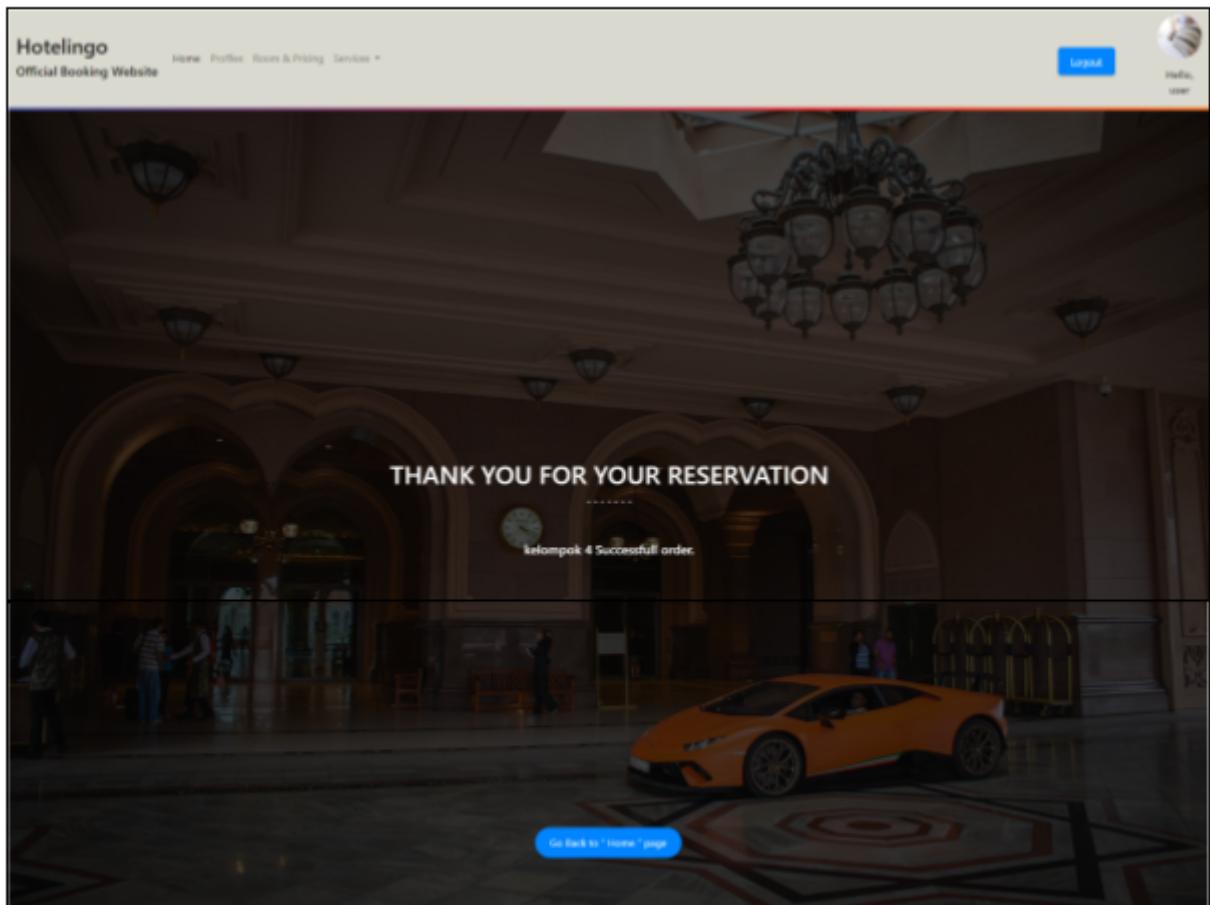
User Interface (UI)

This is our Edit page

The screenshot shows a web browser displaying the Hotelingo website. The header includes the logo 'Hotelingo' and 'Official Booking Website', along with navigation links for 'Home', 'Profile', 'Room & Pricing', 'Services', and a dropdown menu. On the right side of the header is a user profile icon with the text 'Hello, user'. Below the header, there is a large image of a tropical resort at sunset with palm trees and lounge chairs. To the right of the image is a modal dialog box titled 'Enter The Date of Your Stay'. It contains two input fields: 'Start' with the value '05/06/2023' and 'End' with the value '07/06/2023'. A blue 'Save' button is at the bottom of the dialog.

User Interface (UI)

This is our page if you successfully booked a room



Configuration

Hardware :

HP Omen 15

Lenovo Legion 5

Operating System :

Windows 10 Home Single Language

Software :

Visual Studio Code

XAMPP Control Panel

Microsoft Word 2016

Bootstrap 5