



“Hotel Room Booking Website”

Faculty:

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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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End Date : 11 August 2023
Name of Faculty : Muhammad Idham Khalif, S.Kom

Group 4

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- 2. Muhamad Farhan Budiana (2120010203)

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

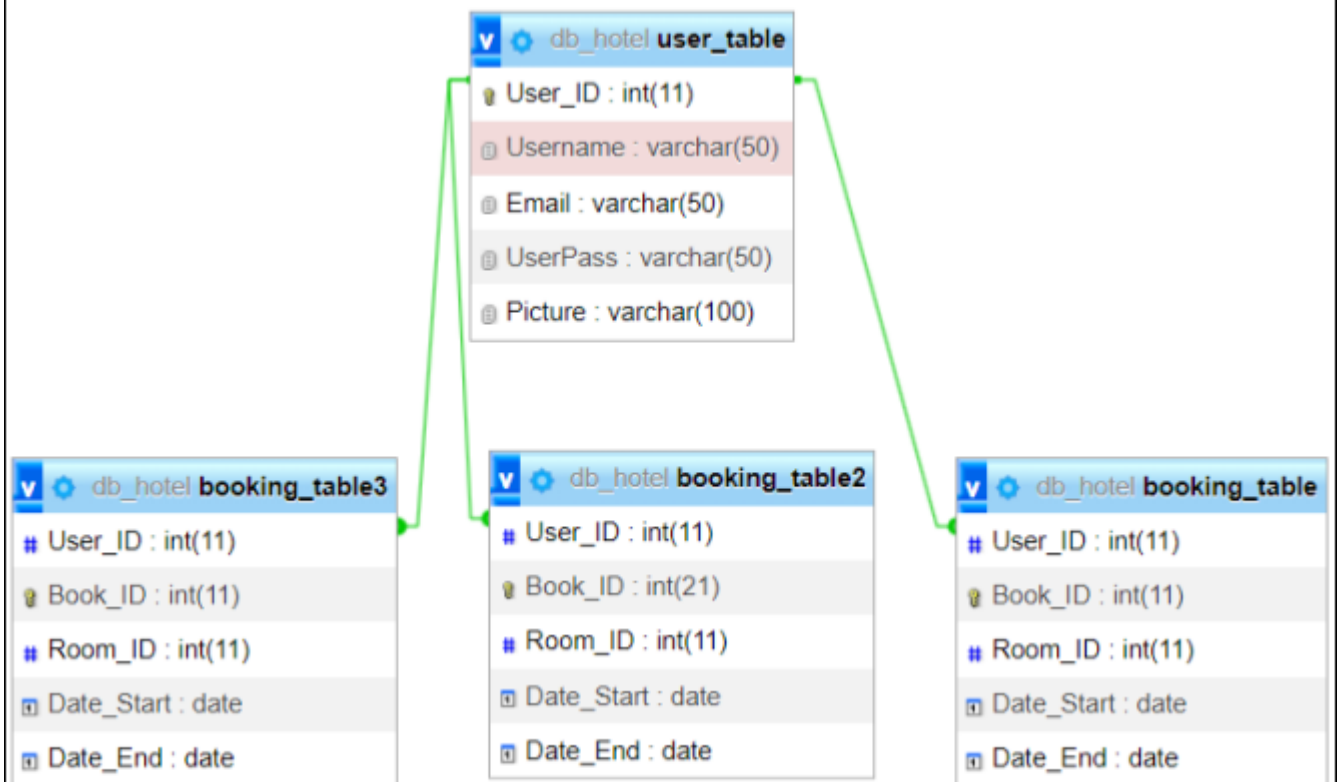
Whole database design

User Table : Account login and Registration

booking_table : Regular Room

booking_table2 : Elite Room

booking_table3 : Suite Class



Database Design

Database structure for Booking_table

Server: 127.0.0.1 » Database: db_hotel » Table: booking_table									
Browse Structure SQL Search Insert Export Import Privileges Operations Triggers									
Table structure Relation view									
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 User_ID	int(11)			No	None			Change Drop More
<input type="checkbox"/>	2 Book_ID	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	3 Room_ID	int(11)			No	110			Change Drop More
<input type="checkbox"/>	4 Date_Start	date			No	None			Change Drop More
<input type="checkbox"/>	5 Date_End	date			No	None			Change Drop More

Database structure for Booking_table2

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers									
Table structure Relation view									
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 User_ID	int(11)			No	None			Change Drop More
<input type="checkbox"/>	2 Book_ID	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	3 Date_Start	date			No	None			Change Drop More
<input type="checkbox"/>	4 Date_End	date			No	None			Change Drop More
<input type="checkbox"/>	5 Room_ID	int(11)			No	210			Change Drop More
↑ <input type="checkbox"/> Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext									

Database structure for Bookinf_table3

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers									
Table structure Relation view									
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 User_ID	int(11)			No	None			Change Drop More
<input type="checkbox"/>	2 Book_ID	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	3 Date_Start	date			No	None			Change Drop More
<input type="checkbox"/>	4 Date_End	date			No	None			Change Drop More
<input type="checkbox"/>	5 Room_ID	int(11)			No	310			Change Drop More
↑ <input type="checkbox"/> Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext									

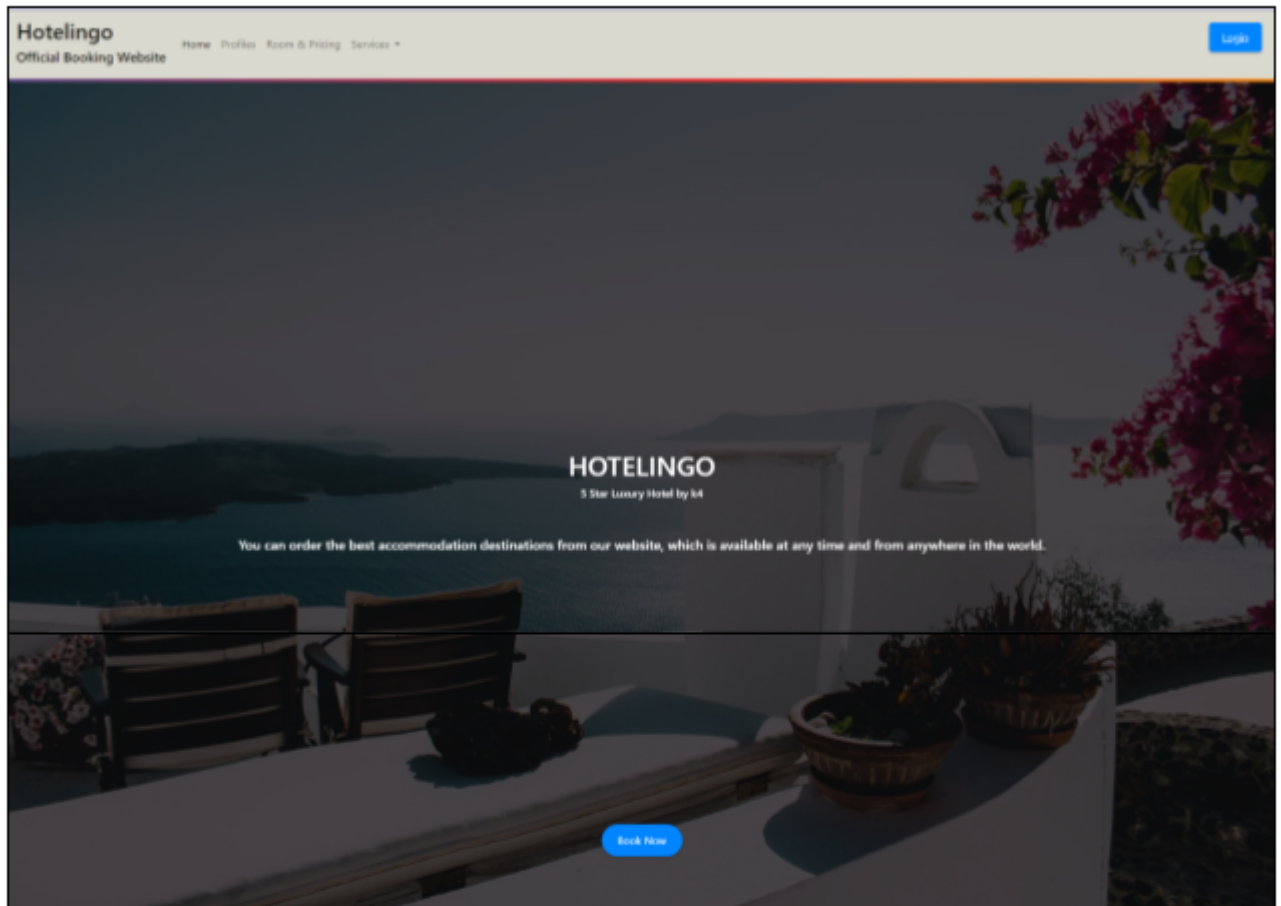
Database Design

Database structure for User_table

	Browse		Structure		SQL		Search		Insert		Export		Import		Privileges		Operations		Triggers
<div> Table structure</div> <div> Relation view</div>																			
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action										
<input type="checkbox"/>	1 User_ID	int(11)			No	None		AUTO_INCREMENT	Change Drop More										
<input type="checkbox"/>	2 Username	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More										
<input type="checkbox"/>	3 Email	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More										
<input type="checkbox"/>	4 UserPass	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More										
<input type="checkbox"/>	5 Picture	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More										
<div> <input type="checkbox"/> Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext</div>																			

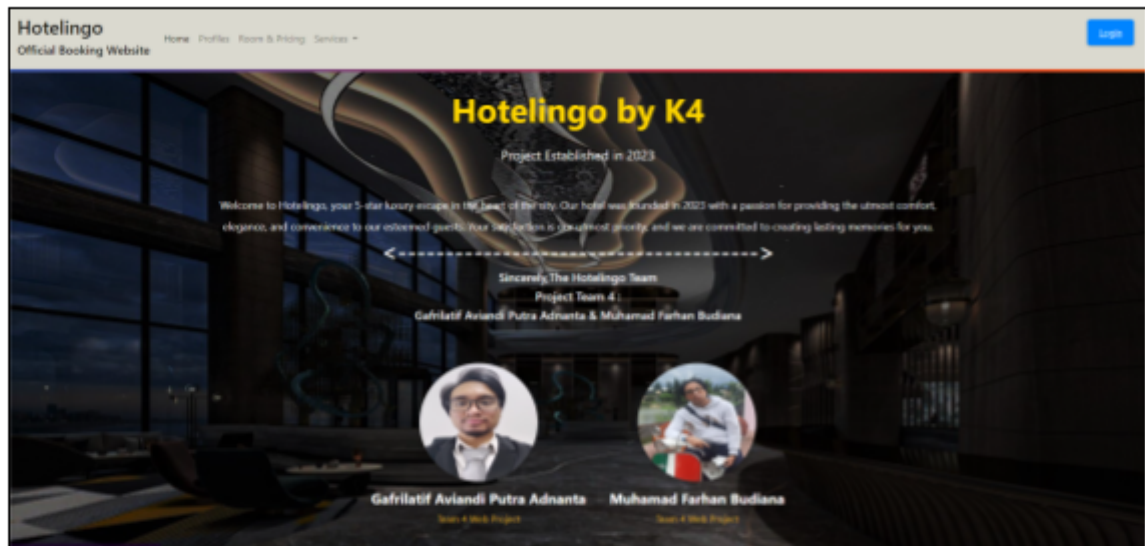
User Interface (UI)

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

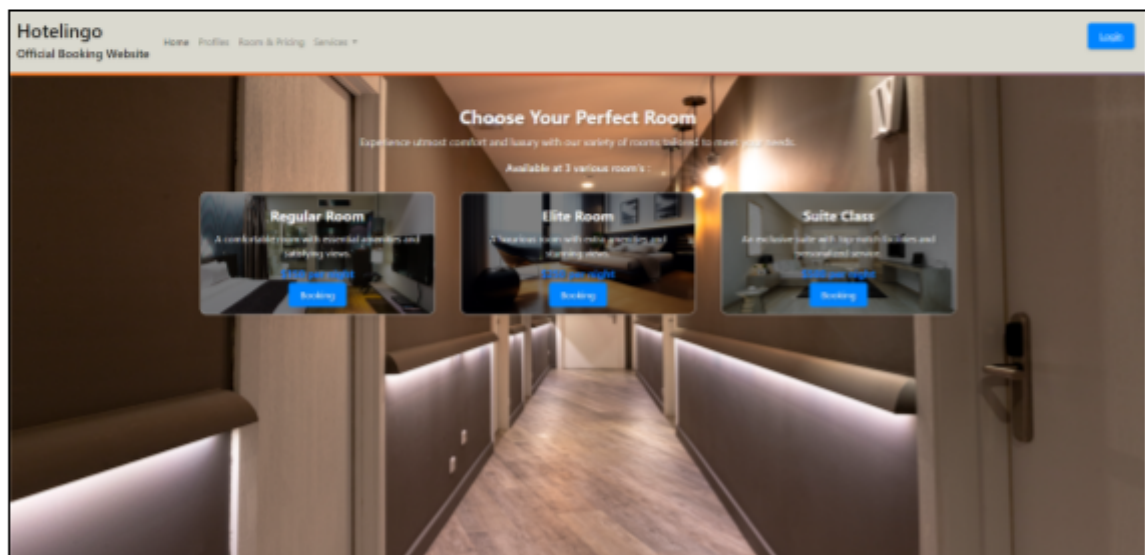


User Interface (UI)

This is our Profiles page

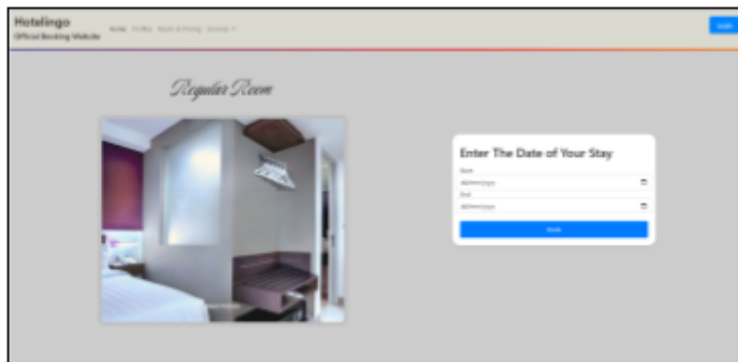


And this is our Room & Pricing page

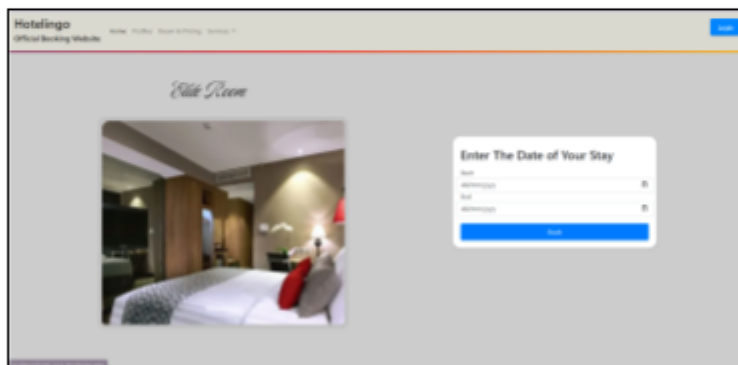


User Interface (UI)

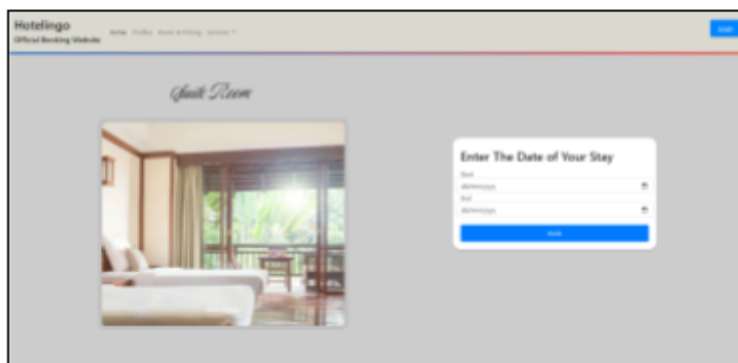
This is our Regular Room Booking page



This is our Elite Room Booking page

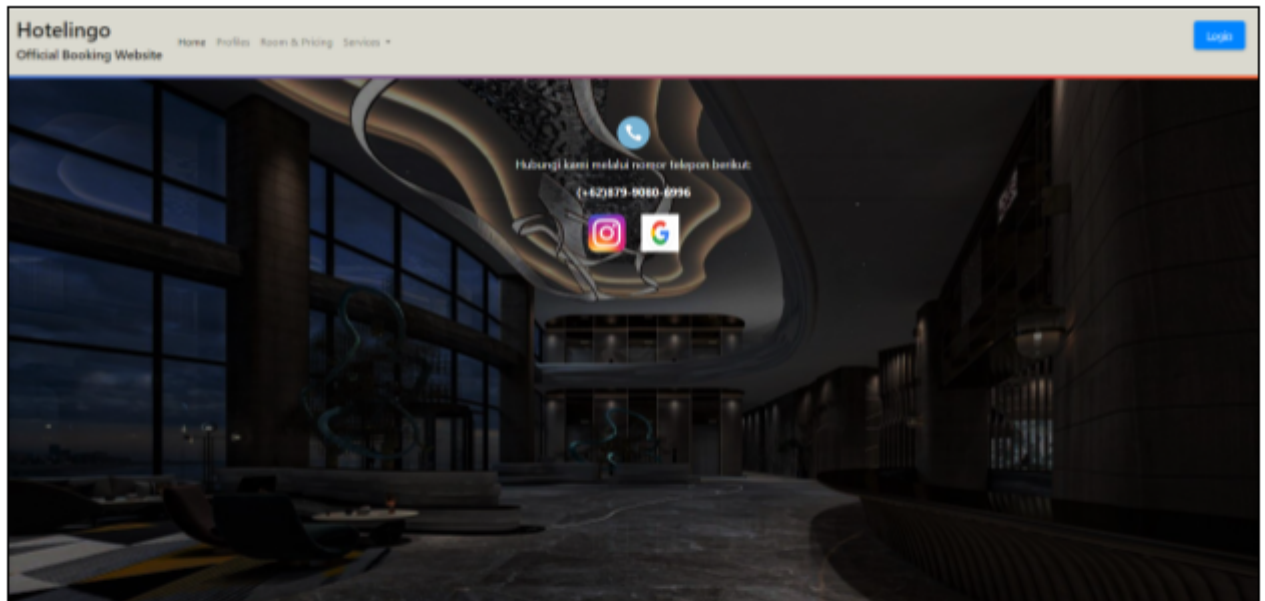


This is our Suite Room Booking page




User Interface (UI)

After that we have our Contacts page




User Interface (UI)

And now we have our Login page



The screenshot displays the login interface for HOTELINGO. The header includes the brand name 'HOTELINGO' and the tagline 'Official Booking Website'. Below this, the section is titled 'Login Account'. The form contains two input fields: 'Username' and 'Password', each followed by a small eye icon for toggling visibility. A prominent blue 'Login' button is positioned below the password field. At the bottom of the form, there is a link that reads 'Don't have an account? Register here'. The entire form is overlaid on a background image of a hotel room featuring a bed with a striped pillow and a bedside lamp.

And this is our Register page



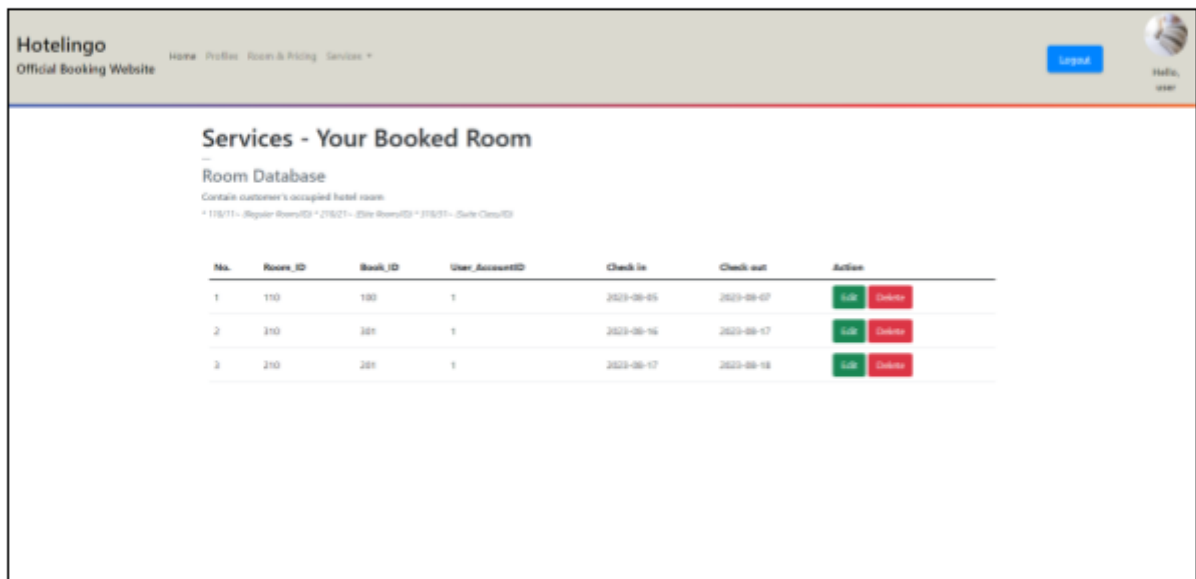
The screenshot displays the registration interface for HOTELINGO. The header includes the brand name 'HOTELINGO' and the tagline 'Official Booking Website'. Below this, the section is titled 'Create Account'. The form includes input fields for 'Username', 'Email', and 'Password', each with a visibility toggle icon. There is also a section for 'Input Profile Picture' with a 'Choose File' button and a 'No file chosen' status. A blue 'Register' button is located at the bottom of the form. A link at the bottom reads 'Already have an account? Login here'. The form is overlaid on a background image of a hotel room with a striped pillow and a bedside lamp.

User Interface (UI)

This is our navbar after user successfully login

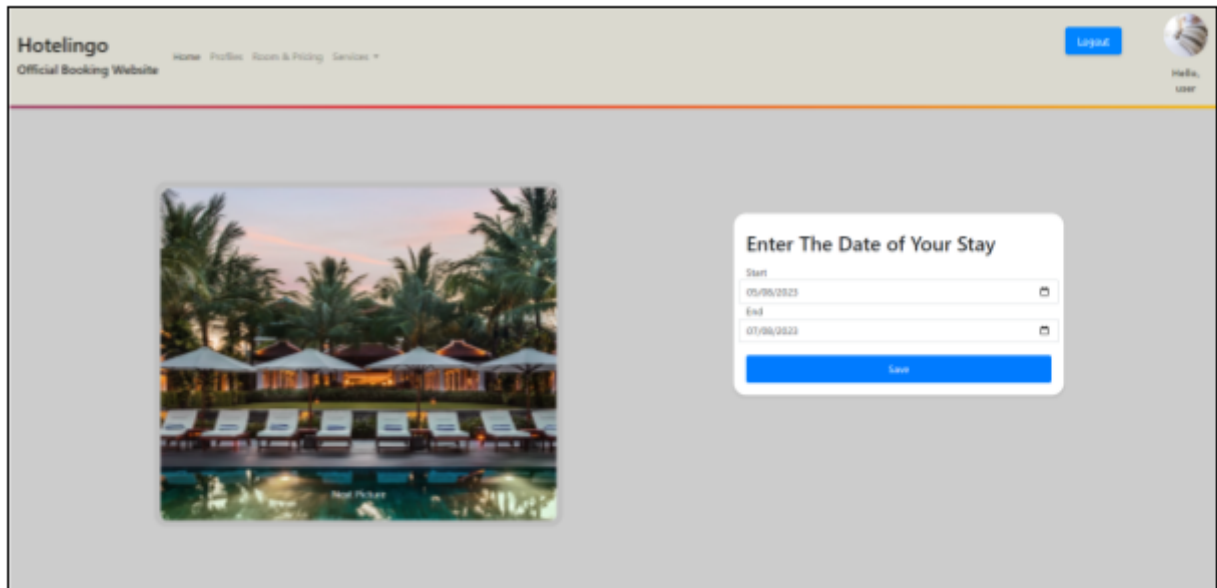


This is where you can see your booked rooms



User Interface (UI)

This is our Edit page



The screenshot displays the 'Edit' page of the Hotelingo website. The header features the 'Hotelingo' logo, the tagline 'Official Booking Website', and navigation links for 'Home', 'Profile', 'Room & Pricing', and 'Services'. A 'Logout' button and a user profile icon are located in the top right corner. The main content area is divided into two sections: a large image of a hotel poolside at dusk on the left, and a white 'Enter The Date of Your Stay' form on the right. The form includes 'Start' and 'End' date pickers with calendar icons, showing dates 05/05/2023 and 07/06/2023 respectively, and a blue 'Save' button at the bottom.

Hotelingo
Official Booking Website

Home Profile Room & Pricing Services

Logout

Profile
user

Enter The Date of Your Stay

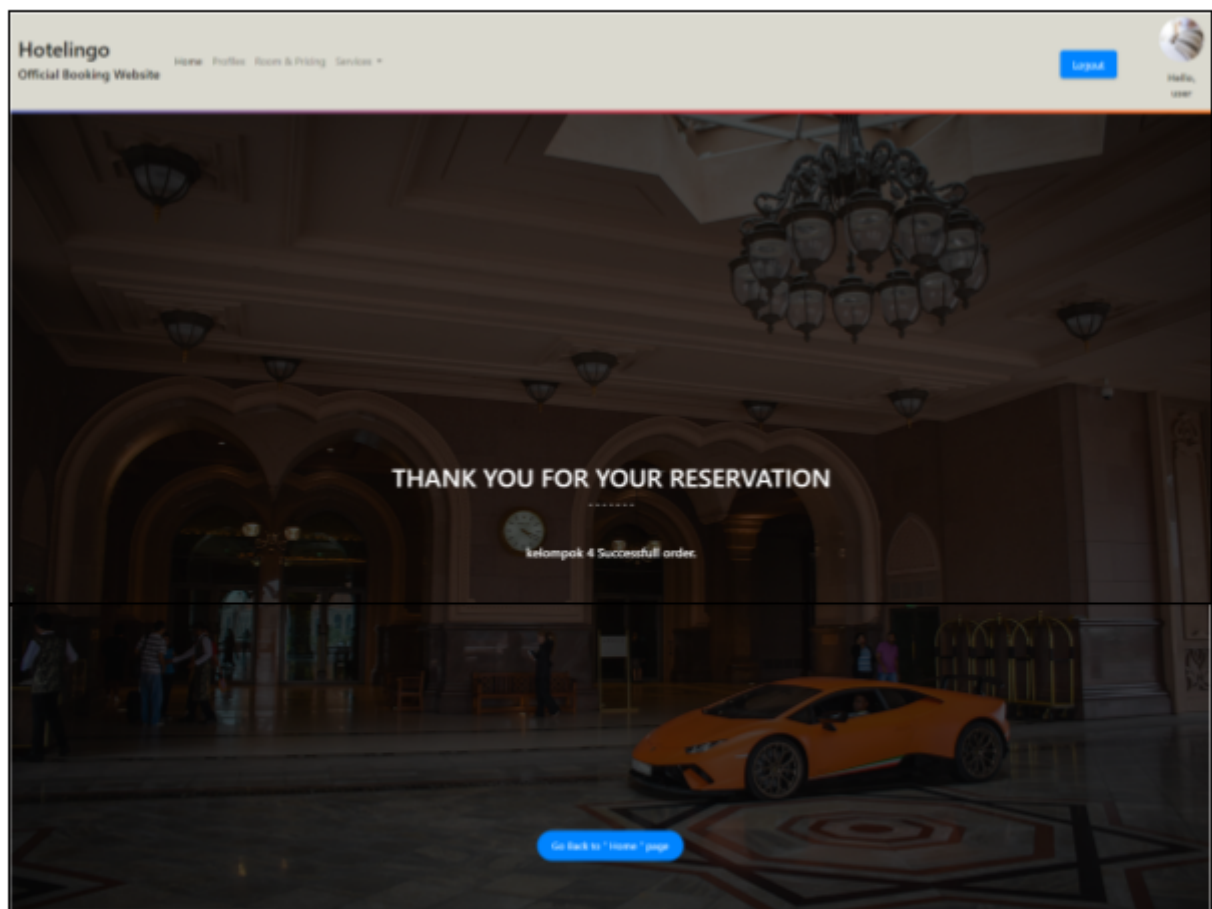
Start
05/05/2023

End
07/06/2023

Save

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