

A REPORT ON THE 'HOTEL BOOKING WEBSITE' DEVELOPMENT PROJECT



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ABSTRACT

- The Hotel Booking Website Development Project aims to create a user-friendly and efficient online platform that allows users to book hotels and admins to manage bookings seamlessly.
- This report outlines the key aspects of the project, including its objectives, scope, methodology, and development process.
- The report also delves into the various stages of development and the technologies and tools employed.

PROBLEM STATEMENT

- Nowadays, an increasing number of travelers rely on the convenience and accessibility of booking websites.
- Hence, there remains a need for hotel booking websites that addresses the challenges faced by both travelers and hotel owners.

PROPOSED SOLUTION & OBJECTIVE OF THE PROJECT

- The primary objective of the Hotel Booking Website Development Project is to design and develop a robust platform that bridges the gap between travelers and hotel owners.

TOOLS USED

- HTML
- CSS
- Bootstrap
- JS
- PHP
- MySQL
- VS Code Editor

STRUCTURE OF THE WEBSITE AT THE USER END

- Home page
- About Us page
- Our Gallery page
- Make a Reservation page
- Terms and Conditions page
- Contact Us page

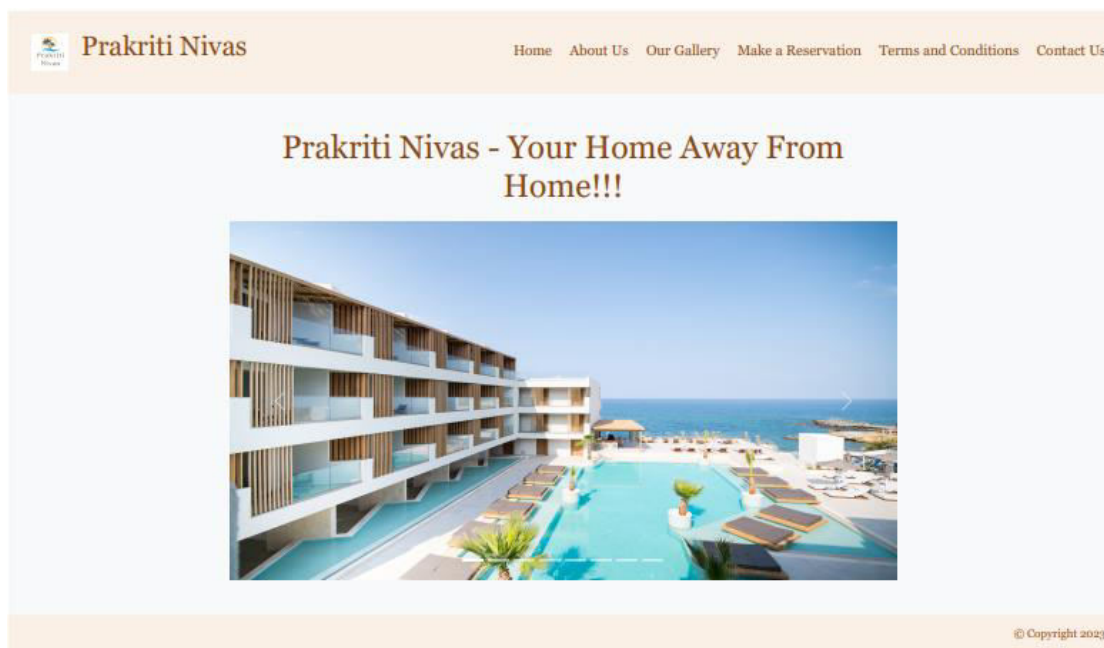
STRUCTURE OF THE WEBSITE AT THE ADMIN END

- Login page
- Home page
- Accounts page
- Reservations page (Pending, Check-in, Check-out)

PAGES CREATED & THEIR FUNCTIONALITIES

HOME PAGE:

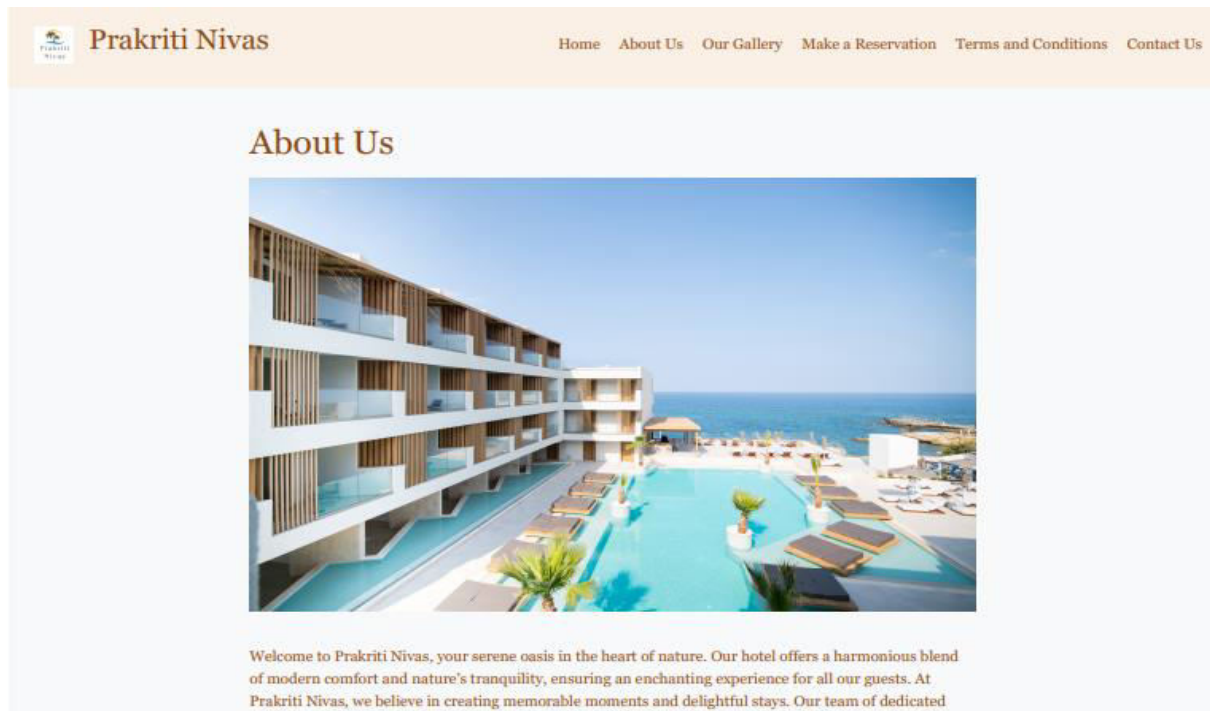
- The Home page serves as the main landing page for users who access the various other pages by clicking on their respective links in the navbar.



ABOUT US PAGE:

- The About Us page provides essential information on the hotel.

- It offers insights into the hotel's mission, vision, and values.



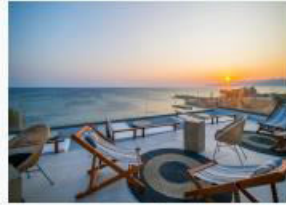
OUR GALLERY PAGE:

- The Our Gallery page features a visually appealing collection of images showcasing various hotels and their amenities.
- Users can explore the photo gallery to get a better idea of the accommodations available, helping them make informed decisions during the booking process.



Our Gallery

Destination



MAKE A RESERVATION PAGE:

- The Make a Reservation page displays the various types of rooms available at the hotel.
- Users can reserve their preferred room by filling in a form.
- The website will check for availability and help the users reserve a suitable room for their stay.
- For further verification processes, the users may visit the hotel in person.



Make a Reservation



Standard Room
Price: ₹ 2000 per night's stay

Reserve



Deluxe Room
Price: ₹ 2400 per night's stay

Reserve



Super Deluxe Room
Price: ₹ 2800 per night's stay

Reserve

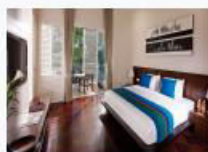


Junior Suite
Price: ₹ 3800 per night's stay

Reserve



Make a Reservation



Super Deluxe Room
Price: ₹ 2800 per night's stay

First Name

Murakhi

Last Name

Palaniappan

Address

Chokkalingam Street

Contact Number

9968776655

Check in

05-08-2023

Submit



Please visit our hotel for verification!

THANK YOU!

TERMS AND CONDITIONS PAGE:

- The Terms and Conditions page presents the hotel's policies, terms of use, and guidelines for users engaging with the platform.
- Users are required to review and agree to the terms and conditions before finalizing their bookings.
- The concept of ordered lists and styling in HTML was profoundly used in designing this webpage.



Terms and Conditions

1. Tariff

The tariff is for the room only and is exclusive of any government taxes applicable. Meals and other services are available at extra cost. To know your room tariff, please contact the Duty Manager, guest registration forms must be signed on arrivals.

2. Settlement of Bills

Bills must be settled on presentation, personal cheques are not accepted.

3. Company's Lien on Guest's Luggage and Belongings

In the case of default in payment of dues by a guest, the management shall have the lien on their luggage and belongings, and be entitled to detain the same and to sell or auction such property at any time without reference to the guest. The net sale proceeds will be appropriate towards the amount due by the guest without prejudice to the management's rights to adopt such further recovery proceedings as may be required.

4. Check-in

Please present your ID card, Passport or Temporary Residence Card upon Check-in. By Law visitors must present personal documents for hotel records. These documents will be returned upon departure.

CONTACT US PAGE:

- The Contact Us page offers users a means to get in touch with the website's support team for inquiries, assistance, or feedback.
- Users can fill out a contact form to submit their queries.
- This page is a crucial component of a hotel booking website, as it serves as a direct communication channel between the users and the website's support team or administrators.

Prakriti Nivas

Home About Us Our Gallery Make a Reservation Terms and Conditions Contact Us

Contact Us

Name

Email

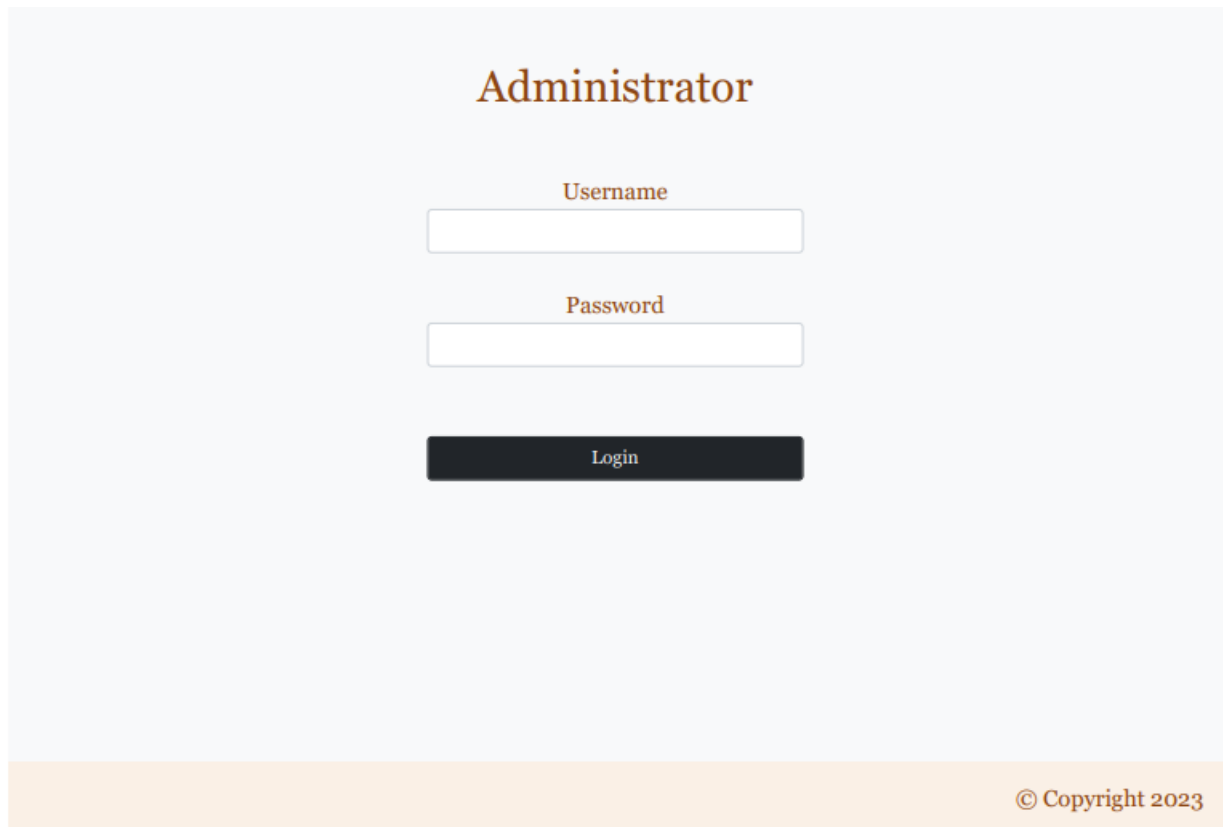
Message

Submit

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LOGIN PAGE:

- The Login page serves as the entry point for administrators to access the website's backend.
- Administrators will need to provide valid login credentials (username and password) for authentication.
- If wrong credentials are entered, an error message will be displayed.
- Else, it will redirect to the home page wherein the administrators can find links to navigate to accounts and reservations pages.

A screenshot of an administrator login page. The page has a light blue background. At the top, the word "Administrator" is written in a brown, serif font. Below it, the word "Username" is written in a smaller brown font above a white input field. Below that, the word "Password" is written in a smaller brown font above another white input field. At the bottom of the form, there is a dark grey button with the word "Login" in white. At the very bottom of the page, there is a light orange footer bar containing the text "© Copyright 2023" in a small brown font.

Administrator

Username

Password

Login

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HOME PAGE:

- The Home page serves as the main landing page for the administrators.
- They can access the various other pages by clicking on their respective links in the navbar.
- It has links to the following two pages: The accounts page and the reservations page.
- One can also come back to this page by clicking on Home.



Prakriti Nivas - Your Home Away From Home!!!



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ACCOUNTS PAGE:

- Here, the admins can view the accounts.
- There are options to create a new account, edit an existing account and delete an existing account as well.
- The buttons on this page will help navigate among these pages which can perform the required functionalities.
- The username is used as a key to avoid duplicate records.
- If a duplicate entry is recognized, an error message is thrown.



Accounts

[Create New Account](#)

Name	Username	Password	Action
Alamelu Karuppiah	alamelukr	alamelukr	Edit Delete
Kasi Viswanathan	kasi	kasi@123	Edit Delete

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Accounts / Create New Account

Name

Username

Password

[Save](#)

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Prakriti Nivas

Home Accounts Reservations

Accounts / Edit Account

Name
Alamelu Karuppiyah

Username
alamelukr

Password

Save Changes

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RESERVATIONS PAGE:

- This page shows the information of the people who have reserved.
- One can also view the information of the people who have already checked in and that of the people who have checked out by clicking on the buttons at the top.
- One can also check in a guest whose reservation is pending or check out a guest who has already checked in.



Reservations - Pendings

[1 Pendings](#) [1 Check In](#) [Check Out](#)

Name	Contact Number	Room Type	Reserved Date	Status	Action
Anvitha Vasudevan	9112233445	Junior Suite	Aug 04, 2023	Pending	Check In Discard



Reservations - Check In

[1 Pendings](#) [2 Check In](#) [Check Out](#)

Name	Room Type	Room Number	Check In	Days	Check Out	Status	Bill	Action
Visalakshi Subramanian	Standard Room	3	Aug 05, 2023	1	Aug 06, 2023	Check In	₹ 2000	Check Out
Shakthi Natarajan	Standard Room	1	Aug 02, 2023	1	Aug 03, 2023	Check In	₹ 2000	Check Out



Reservations - Check Out

1 Pendings

2 Check In

Check Out

Name	Room Type	Room Number	Check In	Days	Check Out	Status	Bill	
Alamelu Karuppiah	Standard Room	2	Aug 02, 2023	1	Aug 03, 2023	Check Out	₹ 2000	Paid
Sudha Narayanamurthy	Deluxe Room	1	Aug 01, 2023	1	Aug 02, 2023	Check Out	₹ 2400	Paid

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Fill up the form to check in

Firstname

Shakthi

Lastname

Natarajan

Room Type

Standard Room

Room Number

Days

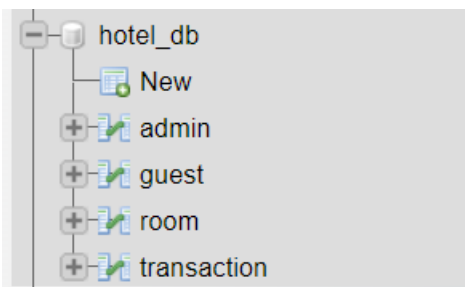
Submit

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BACKEND

- At the backend, 4 tables, namely admin, guest, room, and transaction, are used to store and use the necessary data.

TABLES:



















ADMIN:

				admin_id	name	username	password
<input type="checkbox"/>		Edit		Copy	2	Alamelu Karuppiyah	alamelukr
<input type="checkbox"/>		Edit		Copy	12	Kasi Viswanathan	kasi




















GUEST:

					guest_id	firstname	lastname	address	contactno
<input type="checkbox"/>		Edit		Copy	3	Alamelu	Karuppiyah	Lake Street	8015823157
<input type="checkbox"/>		Edit		Copy	9	Sudha	Narayanamurthy	Lake Street	94444058967
<input type="checkbox"/>		Edit		Copy	10	Alamelu	Karuppiyah	Sundaravalli Street	9444405896
<input type="checkbox"/>		Edit		Copy	11	Karuppiyah	Vairavan	Kallukkaran Street	960195237
<input type="checkbox"/>		Edit		Copy	12	Visalakshi	Subramanian	Sekkalai Street	9123456789
<input type="checkbox"/>		Edit		Copy	13	Anvitha	Vasudevan	Green Street	9112233445
<input type="checkbox"/>		Edit		Copy	14	Anvitha	Vasudevan	Green Street	9112233445
<input type="checkbox"/>		Edit		Copy	15	Shakthi	Natarajan	Tagore Street	9123912344

ROOM:

		room_id	room_type	area	price	photo
<input type="checkbox"/>	 Edit  Copy  Delete	1	Standard Room	400 sq.ft.	2000	1.jpg
<input type="checkbox"/>	 Edit  Copy  Delete	2	Deluxe Room	500 sq.ft.	2400	2.jpg
<input type="checkbox"/>	 Edit  Copy  Delete	3	Super Deluxe Room	700 sq.ft.	2800	3.jpg
<input type="checkbox"/>	 Edit  Copy  Delete	4	Junior Suite	700 sq.ft.	3800	4.jpg
<input type="checkbox"/>	 Edit  Copy  Delete	5	Executive Suite	800 sq.ft.	4000	5.jpg

TRANSACTION:

		transaction_id	guest_id	room_id	room_no	status	days	checkin	checkout	bill
<input type="checkbox"/>	 Edit  Copy  Delete	1	1	1	1	Check Out	1	2023-07-29	2023-07-29	2000
<input type="checkbox"/>	 Edit  Copy  Delete	3	9	2	1	Check Out	1	2023-08-01	2023-07-31	2400
<input type="checkbox"/>	 Edit  Copy  Delete	4	10	1	2	Check Out	1	2023-08-02	2023-07-31	2000
<input type="checkbox"/>	 Edit  Copy  Delete	6	12	1	3	Check In	1	2023-08-05	2023-07-31	2000
<input type="checkbox"/>	 Edit  Copy  Delete	8	13	4	0	Pending	0	2023-08-05	0000-00-00	
<input type="checkbox"/>	 Edit  Copy  Delete	9	15	1	1	Check In	1	2023-08-02	2023-07-31	2000

SOCIETAL USAGE OF THE PROJECT

- Enhanced Customer Experience
- Economic Impact on the Management of the Hotel
- Promotion of Local Tourism
- Ease of communication between the users and the admins

PROJECT OUTCOMES

- Skill Development: This project helped me hone my programming, web development, and design skills.
- Project Management Experience: Developing a website to manage a hotel requires planning, organization, and time management, which the project taught.
- Problem-Solving Abilities: Problem-solving abilities had been put to the test while finding solutions to different hurdles encountered during the development process.
- Creativity and Design: Creating an aesthetically pleasing and user-friendly interface requires creativity and an eye for design. Throughout this project, I have been as creative as possible!
- Continuous Learning: Technology and web development are ever-evolving fields. This project presented opportunities for continuous learning, staying up-to-date with the latest industry trends, and incorporating them into my project.

CONCLUSION

- In conclusion, the development of the hotel management website project has been a valuable and rewarding experience.
- The project has provided a platform for me to apply theoretical knowledge to practical use, fostering continuous learning and growth in the field of web development.
- As I move forward in my career, the experience gained from this project will undoubtedly serve as a valuable asset, positioning me for more substantial challenges and opportunities in the field of web development and beyond.

THANK YOU!