

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
**“Jnana Sangama”, Belgaum -590014, Karnataka.**



**PROJECT WORK-2 REPORT  
On**

**“TRAVELIX – RESORT BOOKING WEBSITE”**

*Submitted by*

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KEERTHANA N P (1BM20CS071)**

*Under the Guidance of*  
**Faculty-in-Charge: Dr. Latha N R**  
**Designation: Assistant Professor**

*in partial fulfillment for the award of the degree of*  
**BACHELOR OF ENGINEERING**  
*in*  
**COMPUTER SCIENCE AND ENGINEERING**



**B.M.S. COLLEGE OF ENGINEERING**  
**(Autonomous Institution under VTU)**  
**BENGALURU-560019**  
**June – September 2022**

**B. M. S. College of Engineering,  
Bull Temple Road, Bangalore 560019**  
(Affiliated To Visvesvaraya Technological University, Belgaum)  
**Department of Computer Science and Engineering**



**CERTIFICATE**

This is to certify that the project work entitled "**TRAVELIX – RESORT BOOKING WEBSITE**" carried out by **ISHITA RAY (1BM20CS061)**, **KEERTHANA N P (1BM20CS071)** who are bonafide students of **B. M. S. College of Engineering**. It is in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visveswaraiah Technological University, Belgaum during the year 2022. The project report has been approved as it satisfies the academic requirements in respect of **Project Work-2(19CS4PWPW2)** work prescribed for the said degree.

Signature of the Guide

Dr. Latha N R  
Assistant Professor  
BMSCE, Bengaluru

Signature of the HOD

Dr. Jyothi S Nayak  
Prof & Head of Dept of CSE  
BMSCE, Bengaluru

External Viva

Name of the Examiner

Signature with date

**B.M.S. COLLEGE OF ENGINEERING**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**DECLARATION**

We **ISHITA RAY(1BM20CS061), KEERTHANA N P(1BM20CS071)** students of 4<sup>th</sup> Semester, B.E, Department of Computer Science and Engineering, BMS College of Engineering, Bangalore, hereby declare that, this Project Work-2 entitled "**TRAVELIX- RESORT BOOKING WEBSITE**" has been carried out by us under the guidance of Dr. Latha N R, Department of CSE, BMS College of Engineering, Bangalore during the academic semester February-June 2022.

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature

**ISHITA RAY (1BM20CS061)  
KEERTHANA N P (1BM20CS071)**

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# **1. INTRODUCTION**

## **1.1 Overview**

“Travelix” is a resort booking portal.

Our website provides an interface to allow users to book a comfortable stay in a destination of their choice.

To ensure a hassle-free experience, the users are provided with a ride so that they can reach their resort easily.

Along with a hotel room, our website enables users to book activities at their respective resorts to have an enjoyable stay.

## **1.2 Motivation**

Our aim was to make a resort booking website that helps passengers travel more efficiently and easily.

We wanted them to have a hassle-free booking experience so that they can enjoy their stay to the fullest. We have also aimed at providing all services in one app, i.e, not just booking the stay but they can also book their activities while on the stay in their respective resorts.

## **2. SOFTWARE REQUIREMENTS**

### **2.1 Hardware Requirements:**

- A PC with the following or greater specifications:
  - Intel Core i3 or higher
  - 8 GB RAM
  - 500 GB Hard Drive
- A stable internet connection (2Mbps or higher)

### **2.2 Software Requirements:**

- Operating system: Windows
- Front end technologies are: HTML, CSS, JavaScript
- IDE: VS Code
- Back end requirement: PHP, SQL
- Server: XAMPP server

### 3. ER DIAGRAM OF THE PROJECT

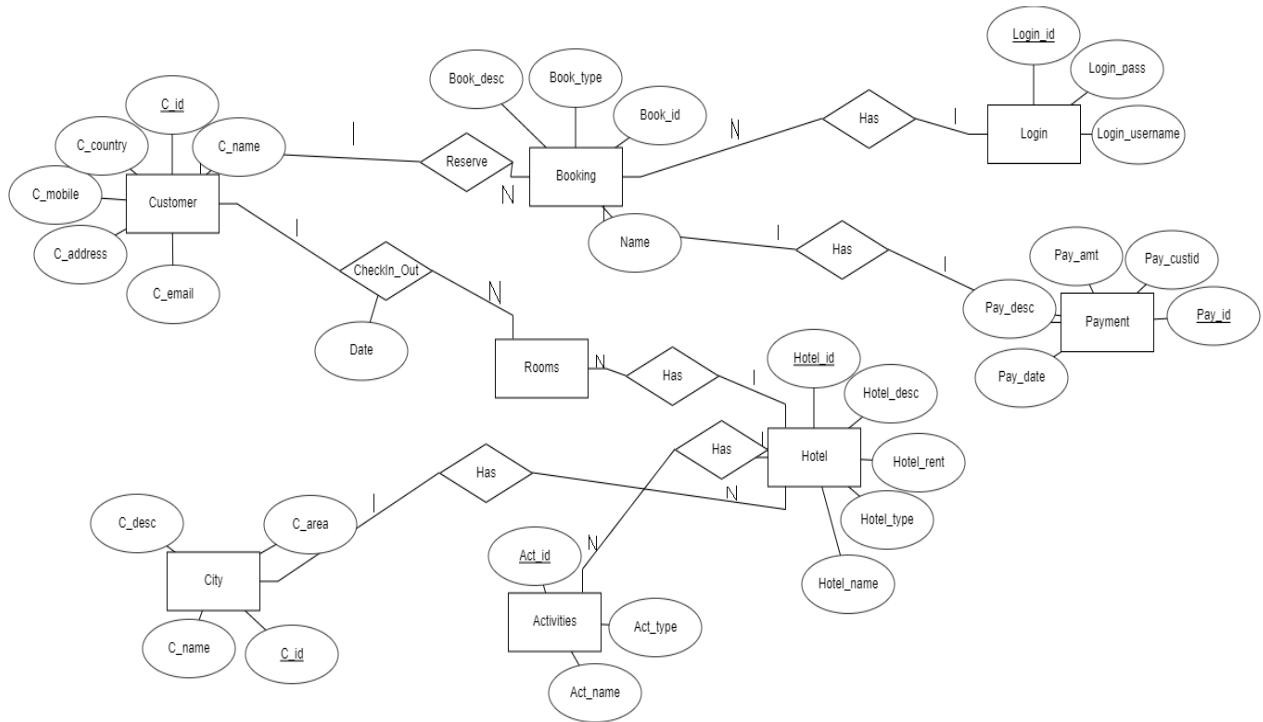


Fig 3.1 ER Diagram

## 4. SCHEMA OF THE PROJECT

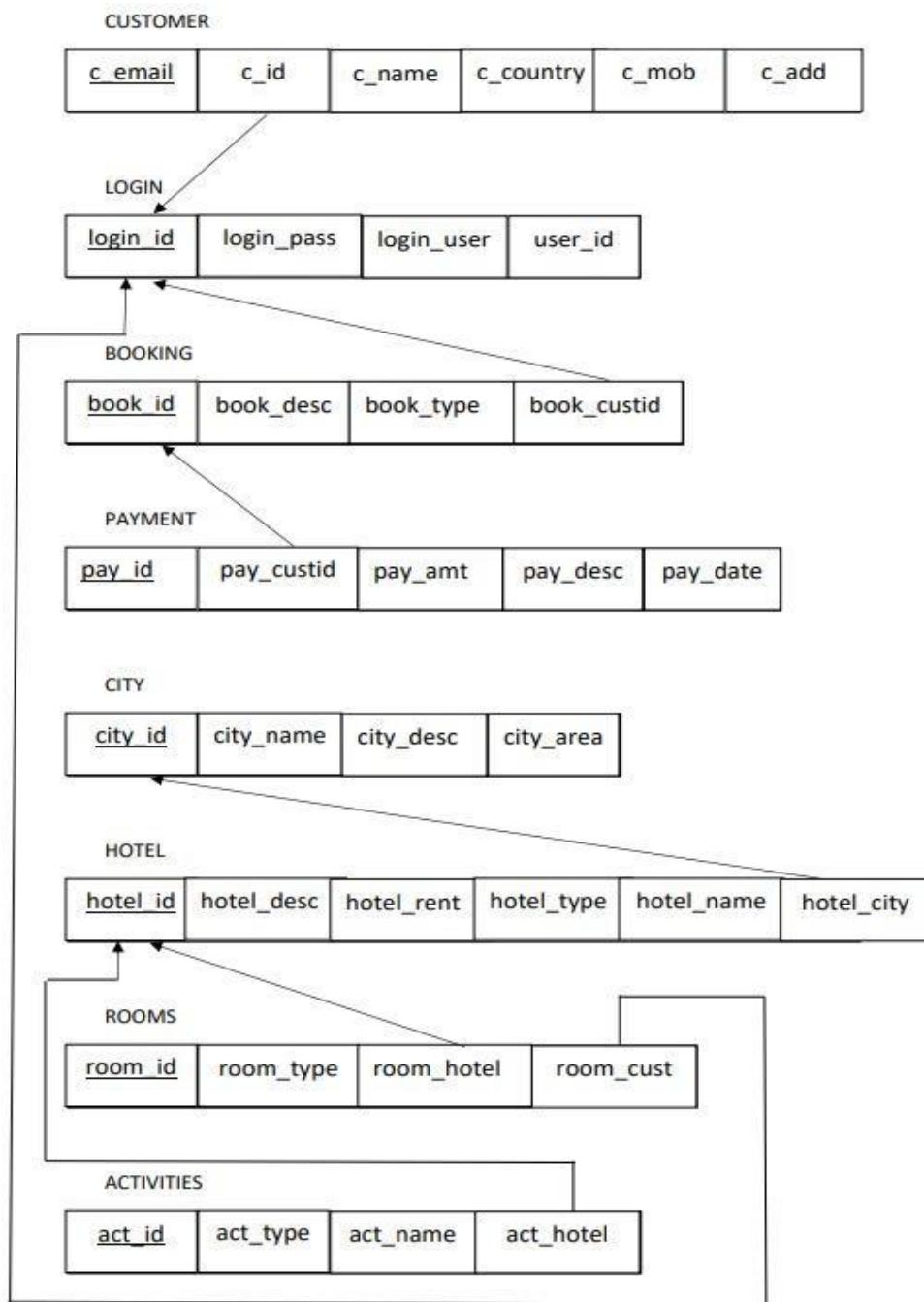


Fig 4.1 Schema Diagram

## 5. USER INTERFACE DESIGN

- HOME PAGE

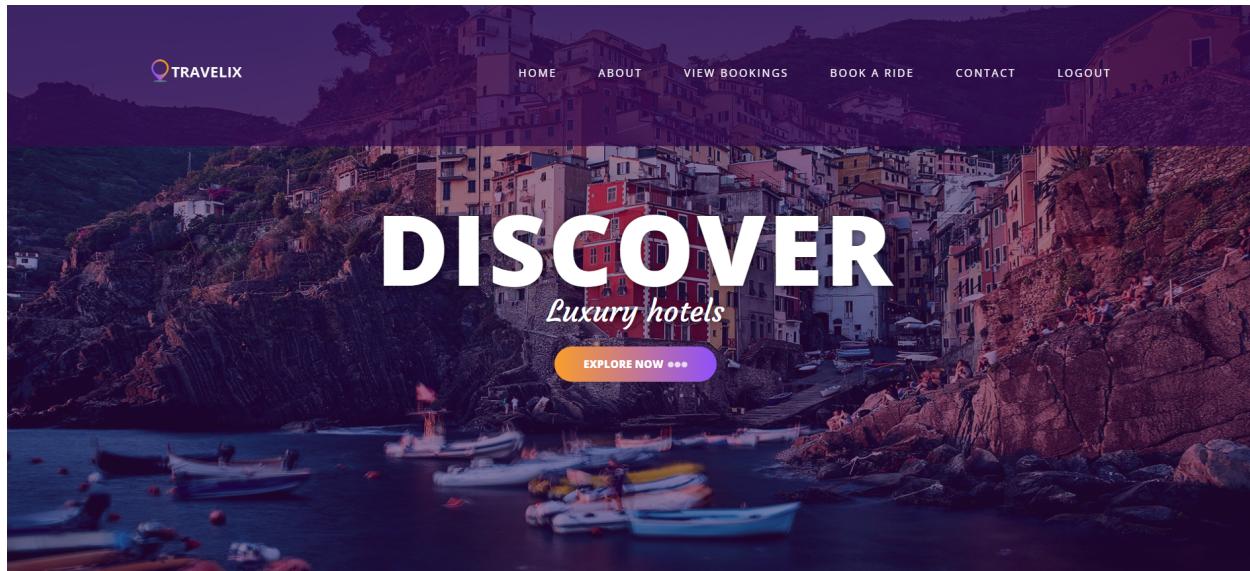


Fig 5.1 Home page

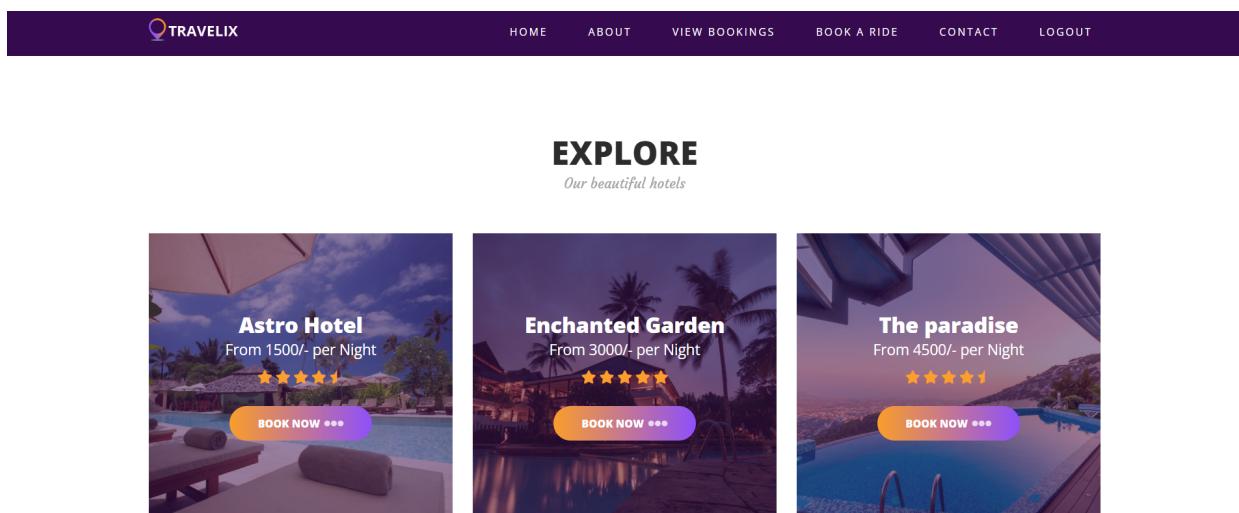


Fig 5.2 Home page

 TRAVELIX

HOME    ABOUT    VIEW BOOKINGS    BOOK A RIDE    CONTACT    LOGOUT

## LUXURIOUS

*Affordable*



**1500/-** Per night

Our Standard King Room, where modern design meets absolute comfort, features a king sized bed and a spacious living room area along with the floor.

[BOOK NOW →](#)

**Standard**

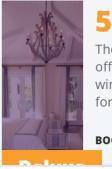


**3000/-** Per night

The spacious Executive Room, with its king-sized bed and elegant lounge area, is fitted with stylish furniture choices and sophisticated modern lighting.

[BOOK NOW →](#)

**Executive**

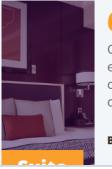


**5000/-** Per night

The Deluxe King Room are fitted with king-sized beds and offer beautiful and spacious living rooms. Floor-to-ceiling windows open onto the Black Sea and the pine tree forest in all of their splendid beauty.

[BOOK NOW →](#)

**Deluxe**



**6500/-** Per night

Our Family Suite is another exceptional option for an exclusively chic stay. An airy design, soft colors, contemporary details and bright accents are signature components of this room.

[BOOK NOW →](#)

**Suite**

Fig 5.3 Home page

 TRAVELIX

HOME    ABOUT    VIEW BOOKINGS    BOOK A RIDE    CONTACT    LOGOUT

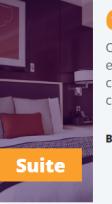


**5000/-** Per night

The Deluxe King Room are fitted with king-sized beds and offer beautiful and spacious living rooms. Floor-to-ceiling windows open onto the Black Sea and the pine tree forest in all of their splendid beauty.

[BOOK NOW →](#)

**Deluxe**



**6500/-** Per night

Our Family Suite is another exceptional option for an exclusively chic stay. An airy design, soft colors, contemporary details and bright accents are signature components of this room.

[BOOK NOW →](#)

**Suite**

**FOLLOW US**

Subscribe To Our Newsletter ...

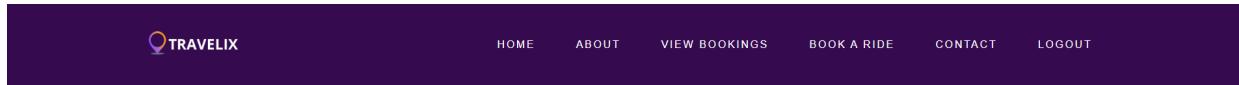
Email (e.g. someone@host.com) [Subscribe](#)



Fig 5.4 Home page

The home page is designed for the user to explore new resorts in a particular city. They can even select a room of their choice and choose activities to enhance their stay.

## ● ABOUT US



### About Us

**Travel is the main thing you purchase that makes you more extravagant**

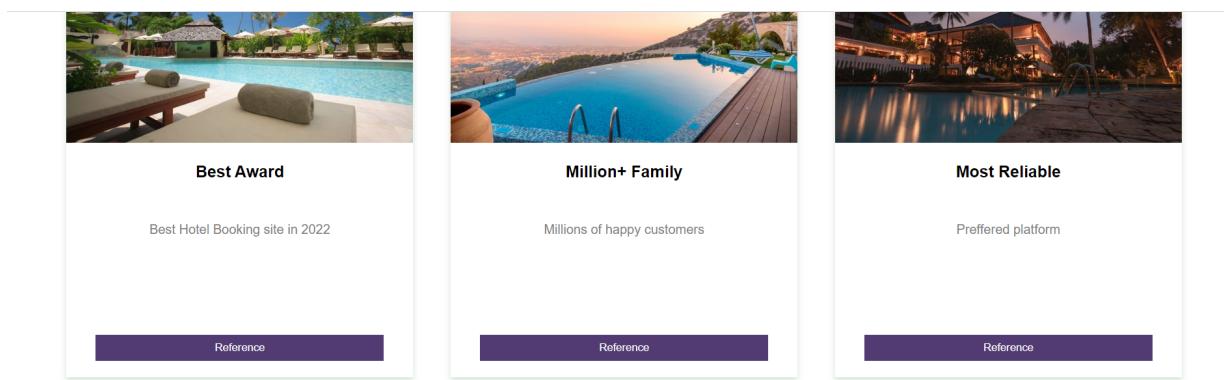
Travelix is a global platform that empowers entrepreneurs and small businesses with hotels and homes by providing full stack technology that increases earnings and eases operations. Bringing affordable and trusted accommodation that guests can book instantly. Travelix has stayed ahead of the curve by continually evolving its technology to meet the ever-changing demands of the rapidly developing global travel market, steadily establishing itself as India's leading online travel company.

We, at Travelix, swear by this and put stock in satisfying travel dreams that make you perpetually rich constantly.

### Our Achievements



Fig 5.5 About Us page



 <b>Best Award</b> Best Hotel Booking site in 2022  <a href="#">Reference</a>	 <b>Million+ Family</b> Millions of happy customers  <a href="#">Reference</a>	 <b>Most Reliable</b> Preferred platform  <a href="#">Reference</a>
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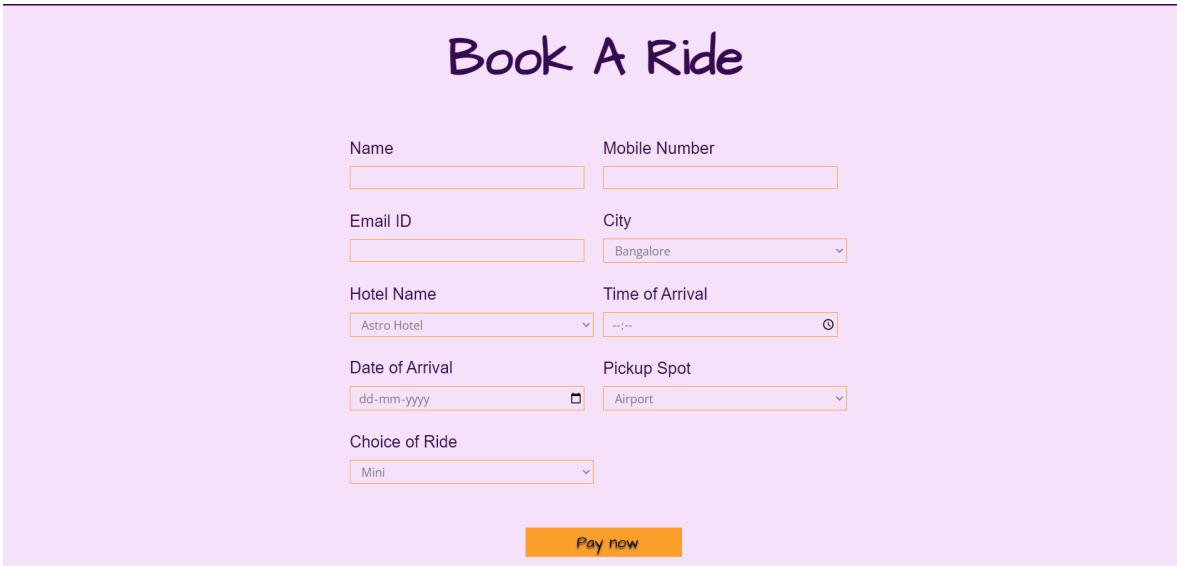


<b>Subscribe To Our Newsletter ...</b>	<b>FOLLOW US</b>
Email (e.g. someone@host.com)	<a href="#">Twitter</a> <a href="#">Facebook</a> <a href="#">Instagram</a> <a href="#">Pinterest</a> <a href="#">YouTube</a>

Fig 5.6 About Us page

This page contains the description of our website. It also contains the achievements of our website and by clicking on the reference you can read more about the particular achievement.

- BOOK A RIDE



The image shows a user interface for booking a ride. At the top center, it says "Book A Ride". Below that, there are several input fields: "Name" and "Mobile Number" (both in orange boxes), "Email ID" and "City" (Email ID is in an orange box, City is in a dropdown menu set to "Bangalore"), "Hotel Name" and "Time of Arrival" (Hotel Name is in an orange box, Time of Arrival is a date picker set to "--:--"), "Date of Arrival" and "Pickup Spot" (Date of Arrival is in an orange box, Pickup Spot is a dropdown menu set to "Airport"), and "Choice of Ride" (a dropdown menu set to "Mini"). At the bottom right is an orange "Pay now" button.

Fig 5.7 Book a ride page

This page is designed so that the user can book a ride from wherever he is. He has to select a city, Hotel, Time of arrival, Date of arrival, pickup spot and choice of ride. And then click on the submit button for confirmation.

- CONTACT US

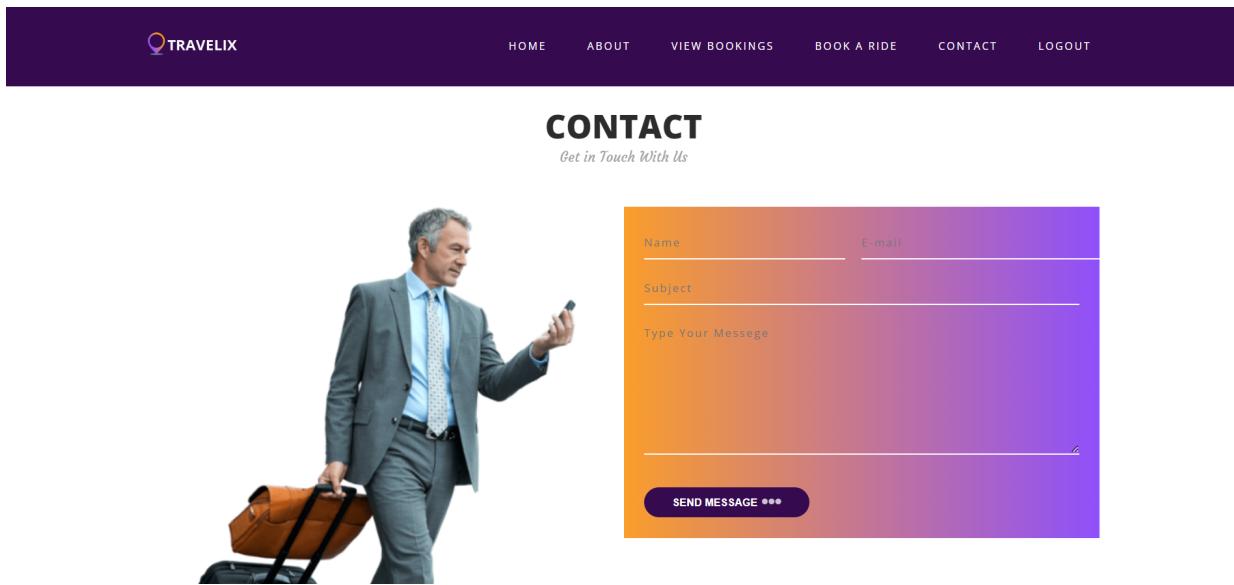


Fig 5.8 Contact Us page

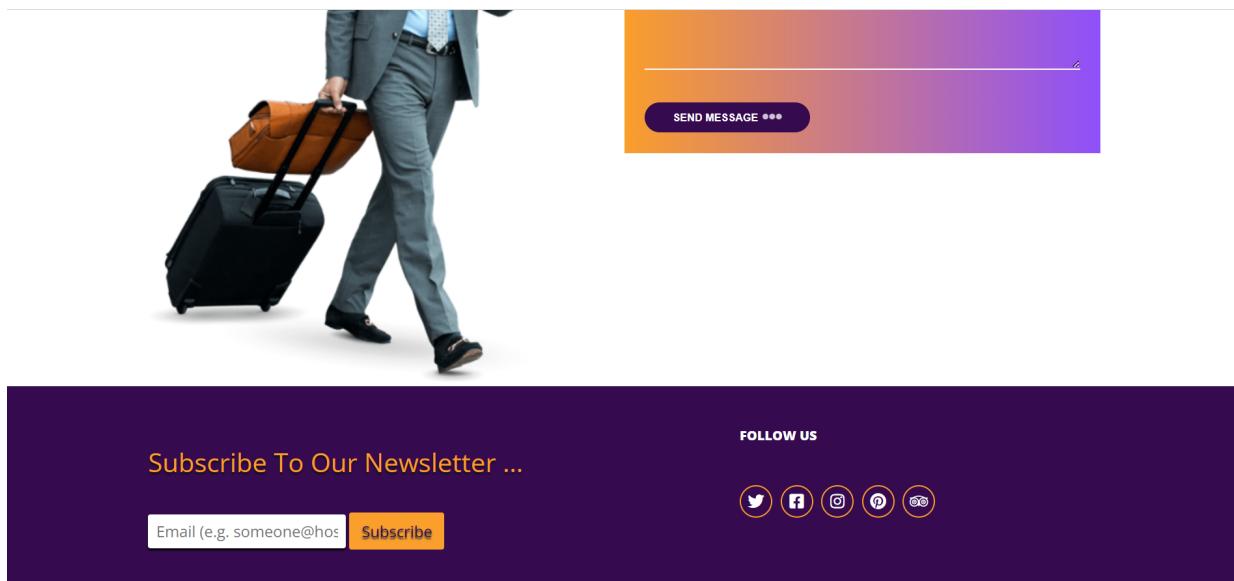


Fig 5.9 Contact Us page

The Contact-Us page is designed with the intent to provide the user an option to contact us regarding issues, doubts about submission or other queries/questions. Field Names ending with \* are compulsory fields.

- FUNCTIONALITY

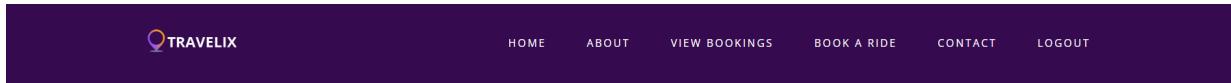


Fig 5.10 Explore cities page

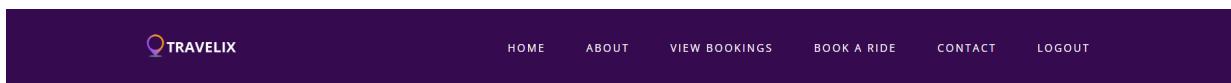


Fig 5.11 Explore hotels page

The user has to first select a place of his choice. The user will be provided with an option to select from the following cities: Mumbai, Delhi, Bangalore. Once selected, the user has to select a resort of their choice. Upon doing so they'll be redirected to the Booking page. The ratings are also provided.

- BOOK NOW

# Book Now

Name

Email Address

Number of People  Time of Arrival

Date of Arrival  Mobile Number

Hotel Name  City

Room Type

Fig 5.12 Booking page

The user can then select activities to explore the various activities at the resort to enhance their stay or checkout directly.

- ACTIVITIES

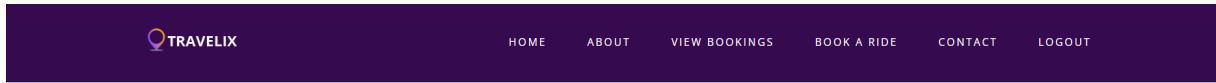


Fig 5.13 Activities page

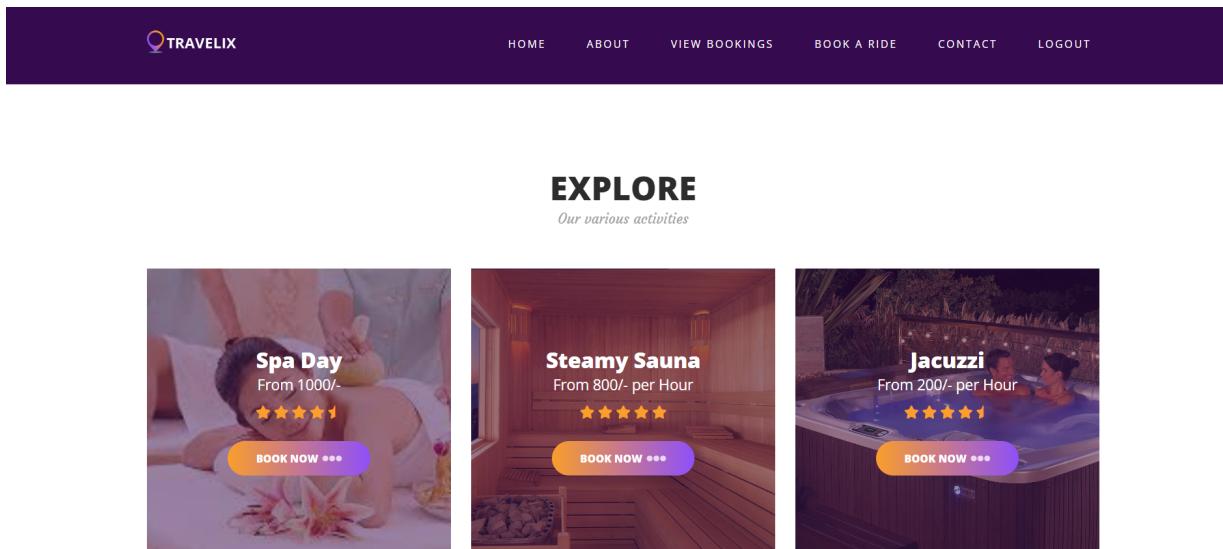


Fig 5.14 Activities page

TRAVELIX

HOME    ABOUT    VIEW BOOKINGS    BOOK A RIDE    CONTACT    LOGOUT

## EXPLORE

*Our various activities*

**Zip Line**  
From 500/-  
★★★★★  
BOOK NOW ...

**Fun and Games**  
From 2000/- per Group  
★★★★★  
BOOK NOW ...

**Pool Day**  
From 200/- per Hour  
★★★★★  
BOOK NOW ...

Fig 5.15 Activities page

TRAVELIX

HOME    ABOUT    VIEW BOOKINGS    BOOK A RIDE    CONTACT    LOGOUT

## EXPLORE

*Our exciting offers*

**Outdoor Activities + Food**  
From 3000/-  
★★★★★  
BOOK NOW ...

**Activities + Relaxation**  
From 3500/- per Hour  
★★★★★  
BOOK NOW ...

**Relaxation + Food**  
From 3000/- per Hour  
★★★★★  
BOOK NOW ...

Fig 5.16 Activities page

The user can choose any activity of their choice. It includes Outdoor Activities such as Zip Line, Fun and Games, Pool Day. It also includes Relaxation like Spa day, Steamy Sauna, Jacuzzi. It also has combo packages.

- CANCEL BOOKING

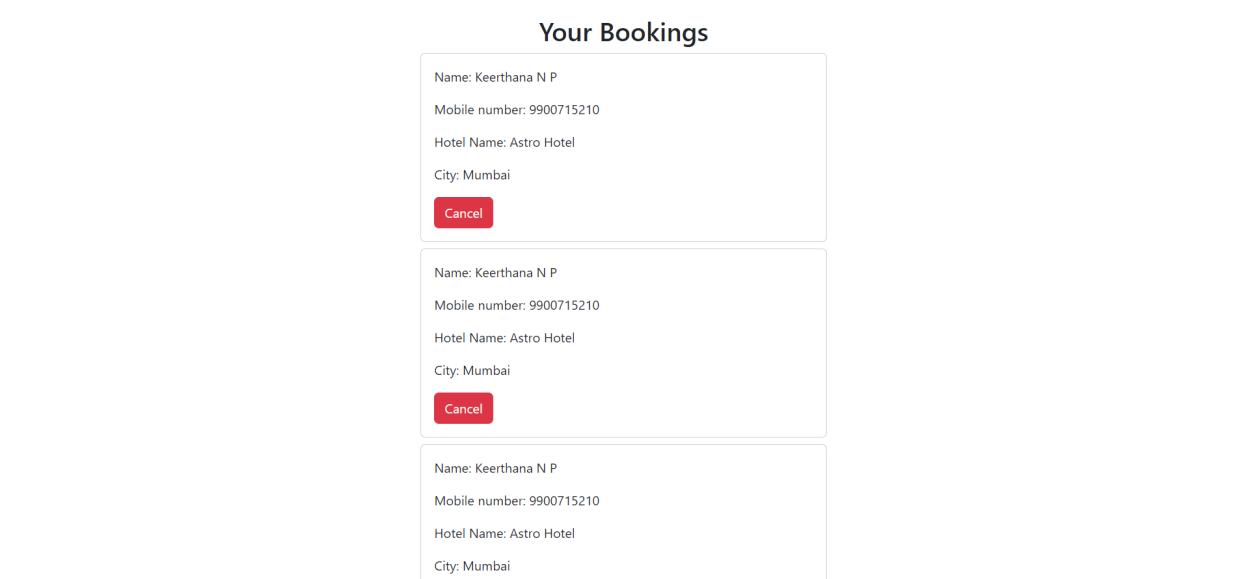


Fig 5.17 Cancel booking page



Fig5.18 Cancel booking page

The User can cancel the booking if they wish to. We have provided a cancel option.

- PAYMENT

### Payment Form

**Account**

**Date of Birth**

DD

MM

YYYY

**Gender**

Male

Female

**Payment Details**

VISA Credit Card

PayPal

[PAY NOW](#)

Fig 5.19 Payment page

The user can finally book a particular resort by completing the payment.

## **6. REFERENCES:**

- <https://www.w3schools.com/php/>
- <https://www.codecademy.com/learn/learn-sql>
- <https://www.w3schools.com/sql/>
- <https://www.w3schools.com/html/>
- <https://www.w3schools.com/w3css/>