



ANJUMAN KHAIRUL ISLAM'S

POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

CAMP, PUNE - 411001.

**A PROJECT REPORT
ON**

TOURS AND TRAVELING MANAGEMENT SYSTEM

**SUBMITTED BY
ALID SHAIKH**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE
AWARD
OF
SYBBA-CA (BACHELOR OF BUSINESS ADMINISTRATION -
COMPUTER APPLICATION)
SAVITRIBAI PHULE PUNE UNIVERSITY**

**GUIDED BY
Dr. IMRAN BAIG MIRZA**

**ACADEMIC YEAR 2023-2024
DEPARTMENT OF BBA(COMPUTER APPLICATION)
POONA COLLEGE OF ARTS, SCIENCE & COMMERCE**



Anjuman Khairul Islam's

POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

• Affiliated to Savitribai Phule Pune University: ID No PU/PN/ASC/023/1970 • DST - FIST Funded College • UGC - 2(f) & 12 (B) Status
• Government of Maharashtra and Savitribai Phule Pune University Recognized Minority College • NAAC Re-accredited College



K. B. Hidayatullah Road, Camp,
Pune - 411001. (MS), India



+91-20-2645 4240 / 2644 6319.



www.poonacollege.edu.in
principal@poonacollege.edu.in



CERTIFICATE

THIS IS TO CERTIFY THAT THE PROJECT ENTITLED
TOURS AND TRAVELING MANAGEMENT SYSTEM

Has been partially completed successfully by

ALID SHAIKH

Towards partial fulfillment of **Bachelor of Business
Administration - Computer Application (SYBBA-CA)** in
BBA(Computer Application) Department. From **SAVITRIBAI
PHULE PUNE UNIVERSITY**
for the academic year **2023-2024.**

Project Guide

H.O.D

Internal Examiner

External Examiner

ACKNOWLEDGEMENT

- I heartily wish to take this opportunity to express my gratitude to my teachers and friends for how they have helped me a lot in completing my project.
- I am very grateful to my lecturer, **Dr IMRAN BAIG MIRZA SIR** for their explaining and constant guidance throughout the project.
- I would also like to give thanks to our **H.O.D Dr SHABANA SHAIKH MAAM AND PRINCIPAL Dr. ANWAR SHAIKH SIR** for his valuable support, help and guidance whenever needed.
- I am very grateful to my lab instructor whose suggestions helped me a lot while project work in progress and I am also grateful to the non-teaching staff for helping me in laboratory in various ways.
- I would like to extend my gratitude to those friends whose knowledge and time had been given to help me in different ways.

ALID SHAIKH 6502
BBA-CA SEMESTER (IV)

Project Documentation: Tours and Traveling Website

Table of Contents :

1. Introduction
2. Project Overview
3. Features
4. Technologies Used
5. Usage
6. Feasibility Study
7. DFD(Data Flow Diagram)
8. ERD(Entity Relationship Diagram)
9. Images
10. Testing
11. Conclusion

1. Introduction:

The Tours and Traveling website is a comprehensive online platform designed to meet the needs of travelers looking to seamlessly book their next adventure. In today's fast-paced world where travel has become an integral part of our lifestyle, this website serves as a one-stop shop for individuals and families alike to discover, plan and book their dream vacation.

With an intuitive user interface and robust functionalities, the Tours and Traveling website aims to revolutionize the way people explore and embark on their journeys. Whether it's an exciting adventure in the mountains, a tranquil beach getaway or a culturally enriching city tour, our platform offers a wide range of travel packages to suit every traveler's preference and budget.

At the heart of our website is a commitment to providing users with a hassle-free and personalized booking experience. By seamlessly integrating user authentication features, including login and sign-in functions, we ensure that every user can securely access their account and conveniently manage their bookings and preferences.

2. Project Overview :

The Tours and Traveling website is a dynamic online platform designed to simplify and improve the process of planning, booking and managing travel for individuals, families and groups. In today's increasingly connected world, where travel has become more accessible and important than ever before, our website serves as a trusted companion for travelers seeking unforgettable adventures and seamless booking experiences.

2.1 Purpose:

The main purpose of the Tours and Traveling website is to create a one-stop shop for travelers to explore a variety of travel packages, destinations and activities, ultimately allowing them to create personalized and memorable travel experiences. Using cutting-edge technology and user-centric design principles, our platform aims to optimize the entire travel journey, from initial inspiration to post-trip reflection.

2.2 Target Audience:

1 .Leisure Travelers: Individuals and families seeking relaxation, adventure, and cultural immersion during their vacations.

- 2 .**Business Travelers:** Professionals in need of convenient and efficient booking solutions for corporate travel arrangements.
- 3 . **Adventure Enthusiasts:** Thrill-seekers and outdoor enthusiasts craving adrenaline-pumping experiences in exotic locales.
- 4 . **Solo Explorers:** Independent travelers looking for solo-friendly itineraries, group tours, and social networking opportunities.
- 5 . **Special Interest Groups:** Niche communities such as eco-tourists, foodies, history buffs, and wellness seekers with specific travel preferences and interests.

2.3 Key Functionalities:

- 1 . **Tour Listings:** Comprehensive database of tour packages, including destination highlights, itineraries, pricing, and availability.
- 2 . **User Authentication:** Secure login and sign-up functionalities to access personalized features, manage bookings, and view past travel history.
- 3 . **Booking System:** Intuitive booking interface with real-time availability checks, flexible date selection, and secure payment processing.
- 4 . **User Profiles:** Customizable user profiles with options to save preferences, review past bookings, and receive personalized recommendations.
- 4 . **Admin Dashboard:** Administrative interface for managing tour listings, user accounts, bookings, payments, and other site content (optional).

3. Features :

3.1 User Authentication:

1 .Login: Users can securely log in to their accounts using their email address and password.

2 . Sign-Up: New users can create accounts by providing basic information such as name, email, and password.

3.2 Tour Listings:

1 . Browse Tours: Users can explore a diverse range of tour packages categorized by destination, theme, duration, and price.

2. View Details: Each tour listing includes detailed information such as itinerary highlights, inclusions, exclusions, pricing, and availability.

3. Interactive Maps: Visual representations of tour destinations and attractions provide users with a comprehensive overview of the travel experience.

3.3 Booking System :

1. Book Tours: Users can seamlessly book tours directly through the website by selecting desired dates, specifying the number of

participants, and providing relevant contact and payment information.

2. **Flexible Booking Options:** Users can choose from flexible booking options, including single-day tours, multi-day packages, and customizable itineraries.

3.3 Admin Dashbord :

1 . **Analytics and Reporting:** Built-in analytics tools provide insights into website performance, user behavior, booking trends, and revenue generation.

2. **Tour Management:** Administrators can add, edit, and delete tour listings, including updating tour details, availability and promotional offers.

4. Technologies Used :

4.1 Frontend:

1. HTML (HyperText Markup Language): The standard markup language for creating the structure and content of web pages.
2. CSS (Cascading Style Sheets): The stylesheet language used for styling the presentation of HTML elements on the website, including layout, colors, and typography.
3. JavaScript: A versatile programming language used for adding interactivity, dynamic behavior, and client-side functionalities to web pages.

4.2 Backend:

1. PHP (Hypertext Preprocessor): A server-side scripting language used for developing dynamic web applications and interacting with databases.
2. MySQL: An open-source relational database management system (RDBMS) used for storing and managing structured data related to tours, bookings, users, and other website content.

5. Usage :

5.1 User Registration and Login:

1. Register an Account:

- Navigate to the website's homepage.
- Click on the "Sign Up" or "Register" button.
- Fill out the registration form with your name, email address, password, and any other required information.
- Submit the form to create your account.

2. Login to Your Account:

- Access the website's homepage.
- Click on the "Login" or "Sign In" link.
- Enter your registered email address and password.
- Click on the "Login" button to access your account.

5.2 Exploring Tour Listings:

1. Multiple Option:

- After logging in, navigate to the "Tours" or "Explore" section of the website.

- Browse through the available tour listings displayed on the page.
- Use search and filter options to narrow down tour listings based on destination, theme, duration, or price range.

2. View Tour Details:

- Click on a specific tour listing to view detailed information about the tour package.
- Explore the tour itinerary, highlights, inclusions, exclusions, pricing, and availability.
- Check available dates and departure times for the tour.

5.3 Booking a Tour:

1. Select a Tour:

- Once you've found a tour that interests you, click on it to view detailed information.
- Review the tour details and ensure it meets your preferences and requirements.

2. Book the Tour:

- If you're satisfied with the tour details, select your preferred date and number of participants.

- Fill out the booking form with your contact information, including name, email, phone number, and any special requests.

6. Feasibility Study:

6.1 Technical Feasibility :

1. **Skills and Expertise:** The development team possesses the necessary skills and expertise in web development technologies such as HTML, CSS, JavaScript, PHP, and MySQL to build and maintain the website.
2. **Availability of Tools and Resources:** Required development tools, frameworks, libraries, and resources (e.g., IDEs, version control systems, hosting services) are readily available and accessible for the project.
3. **Scalability and Performance:** The chosen technologies and architecture allow for scalability and performance optimization to handle increasing user traffic, tour listings, and bookings over time.

6.2 Economic Feasibility:

1. **Cost-Benefit Analysis:** A cost-benefit analysis has been conducted to evaluate the potential costs associated with website development, hosting, maintenance, and marketing against the expected benefits, including revenue generation from tour bookings and customer satisfaction.
2. **Budget Allocation:** Adequate budget allocation has been made for development expenses, including software licenses, hosting

fees, domain registration, and any additional resources required for the project.

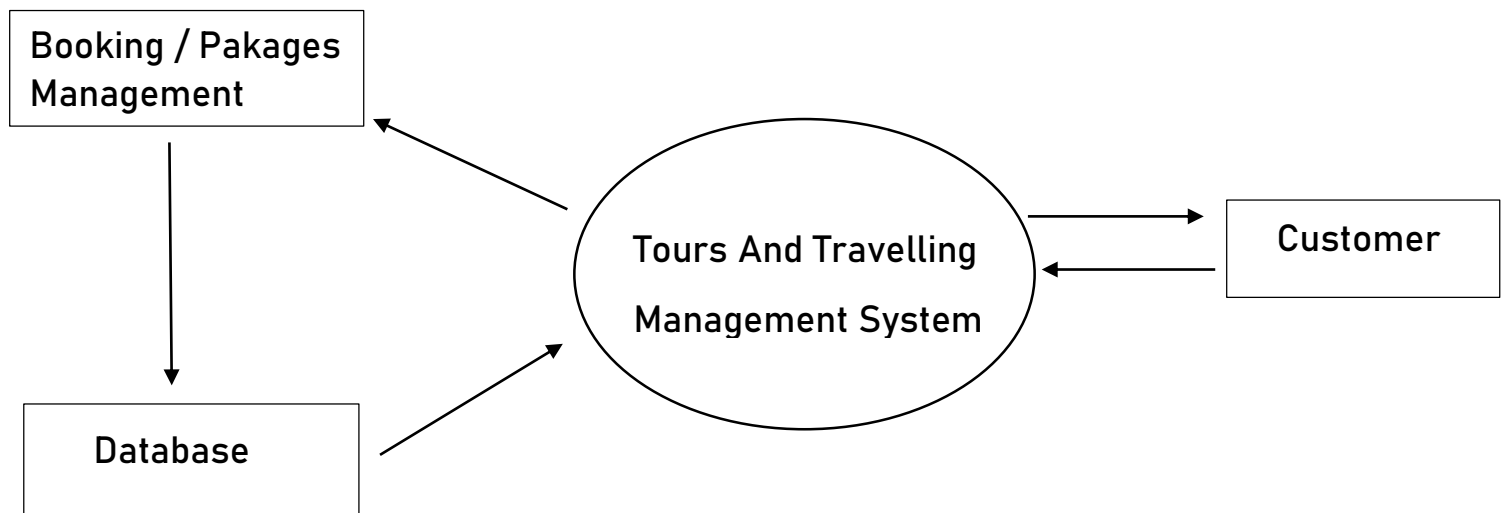
3. **Revenue Generation:** The projected revenue streams from tour bookings, commission fees, advertising, and affiliate partnerships are sufficient to cover operational costs and generate a positive return on investment (ROI) over time.

6.3 Operational Feasibility:

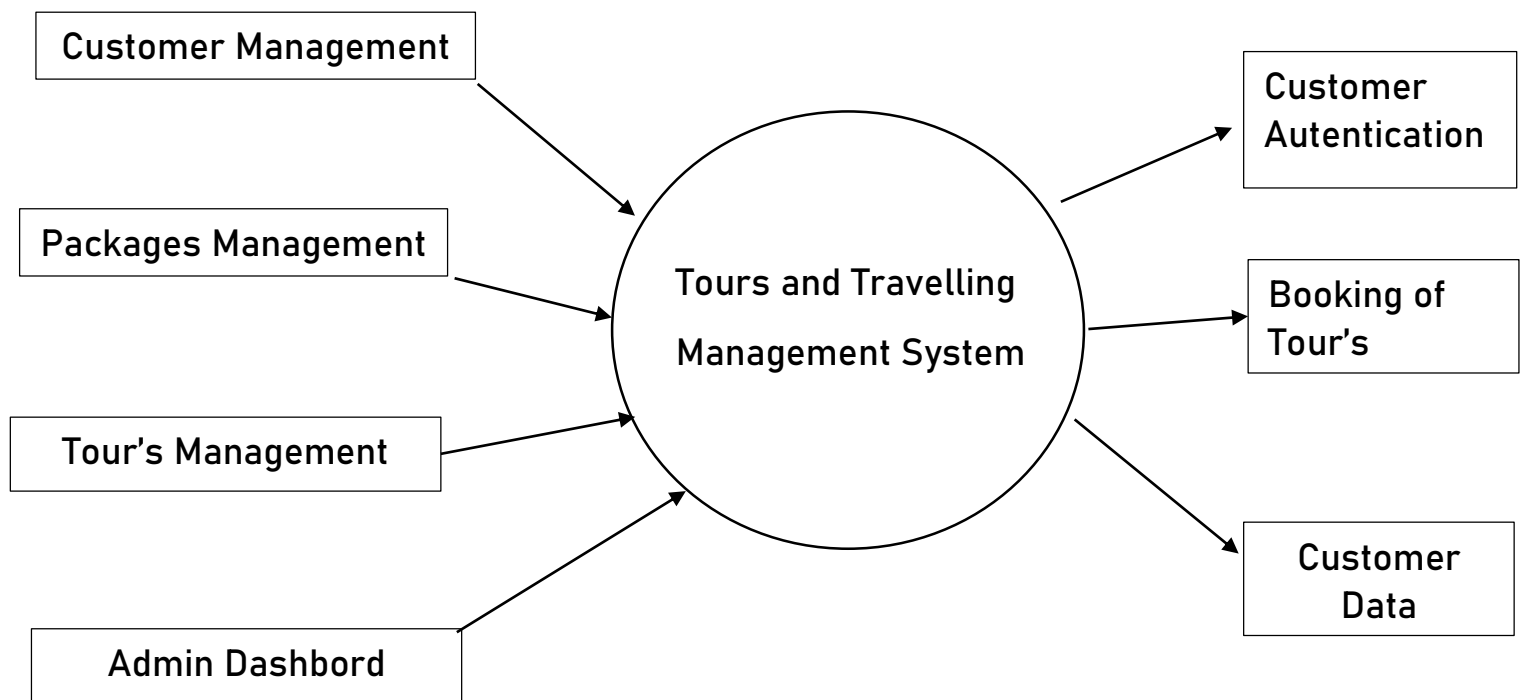
1. **User Requirements:** User requirements and preferences have been identified through market research, user surveys, and feedback analysis to ensure that the website meets the needs and expectations of its target audience.
2. **User-Friendly Interface:** The website's user interface (UI) and user experience (UX) design have been optimized for ease of use, intuitive navigation, and seamless booking experiences to enhance user satisfaction and engagement.
3. **Training and Support:** Training materials, user guides, and customer support channels are available to assist users in navigating the website, making bookings, and resolving any issues or inquiries they may have.

7. DFD:

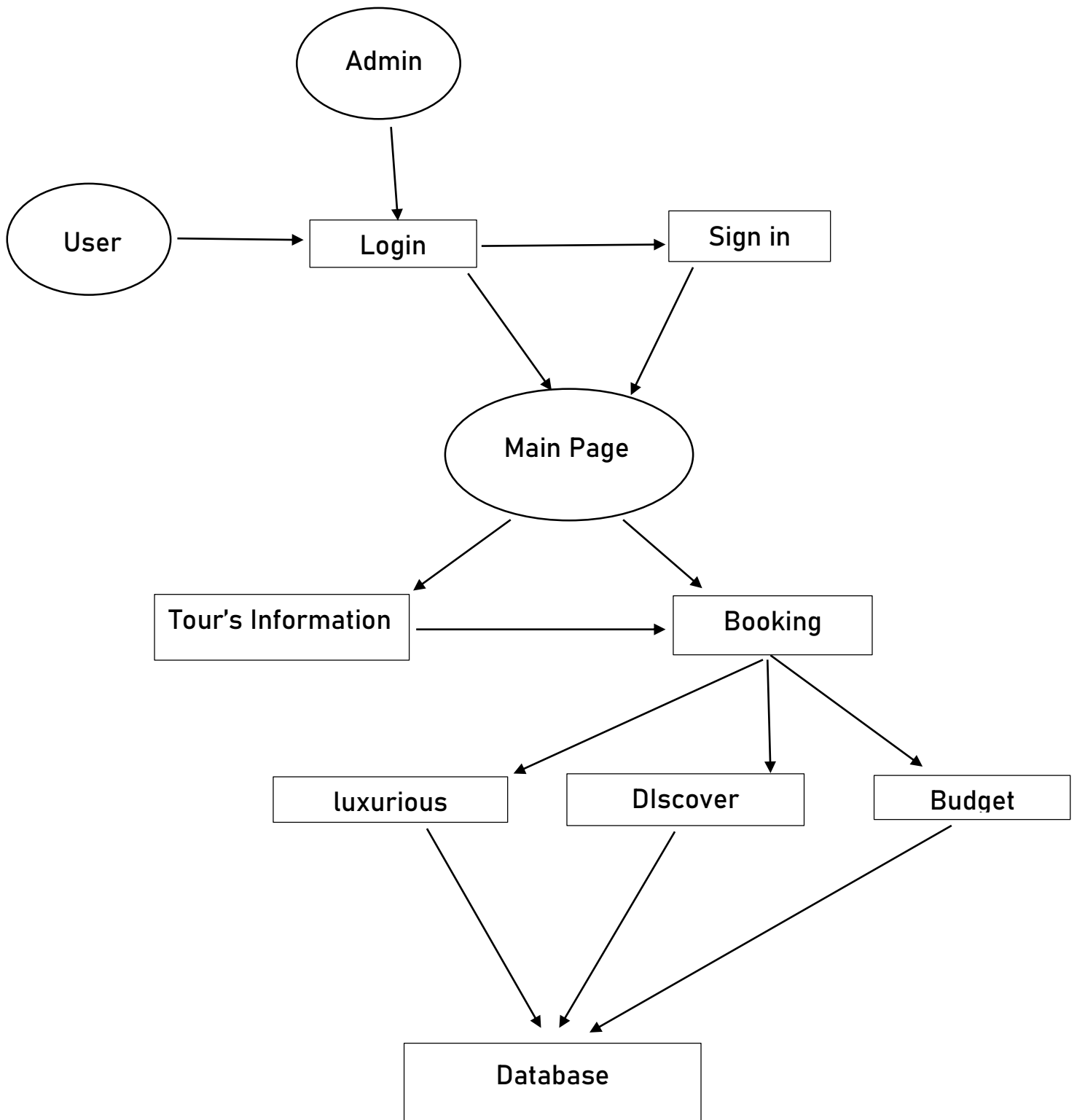
7.1 Zero Level:



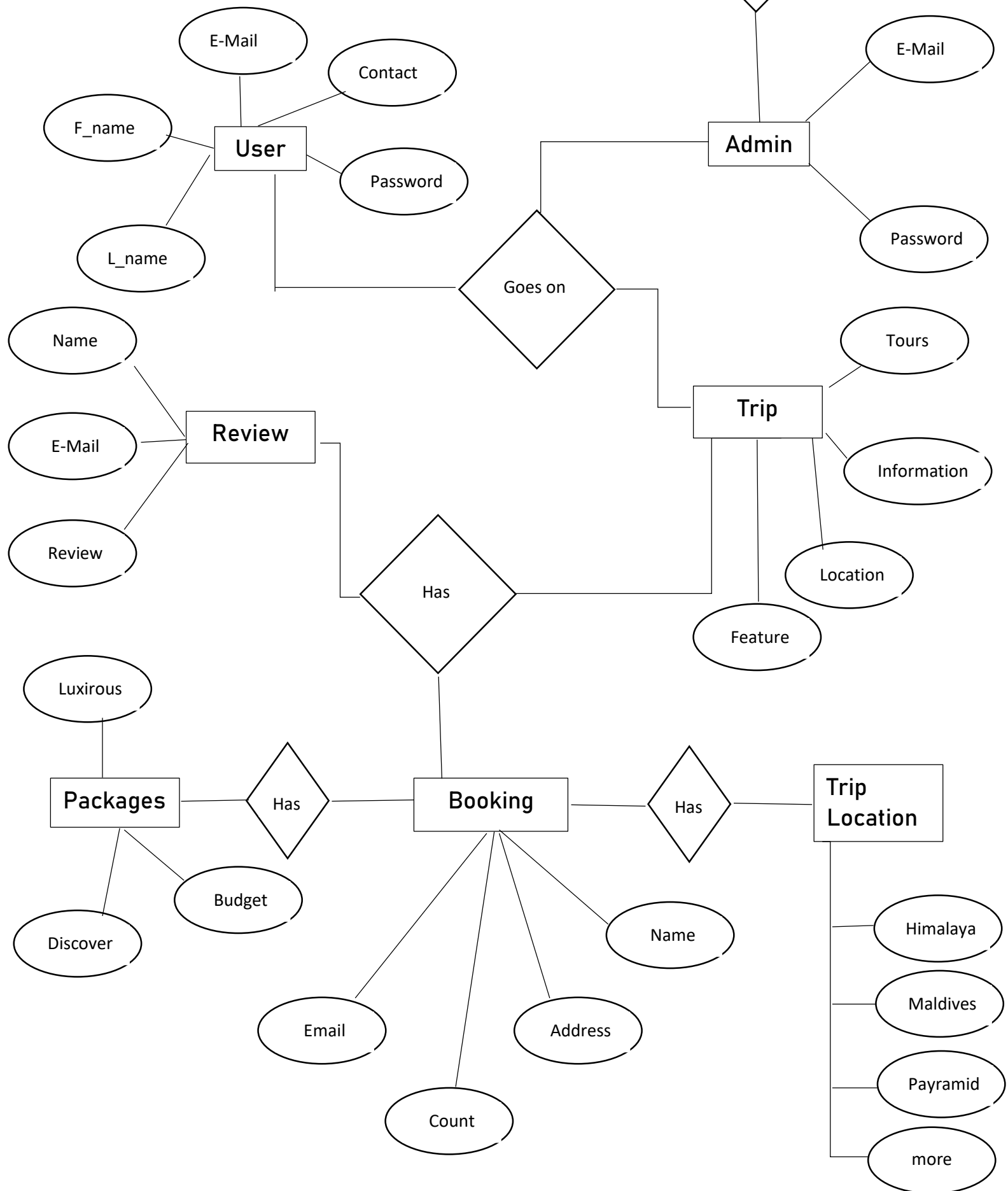
7.2 First Level:



7.3 Second Level;



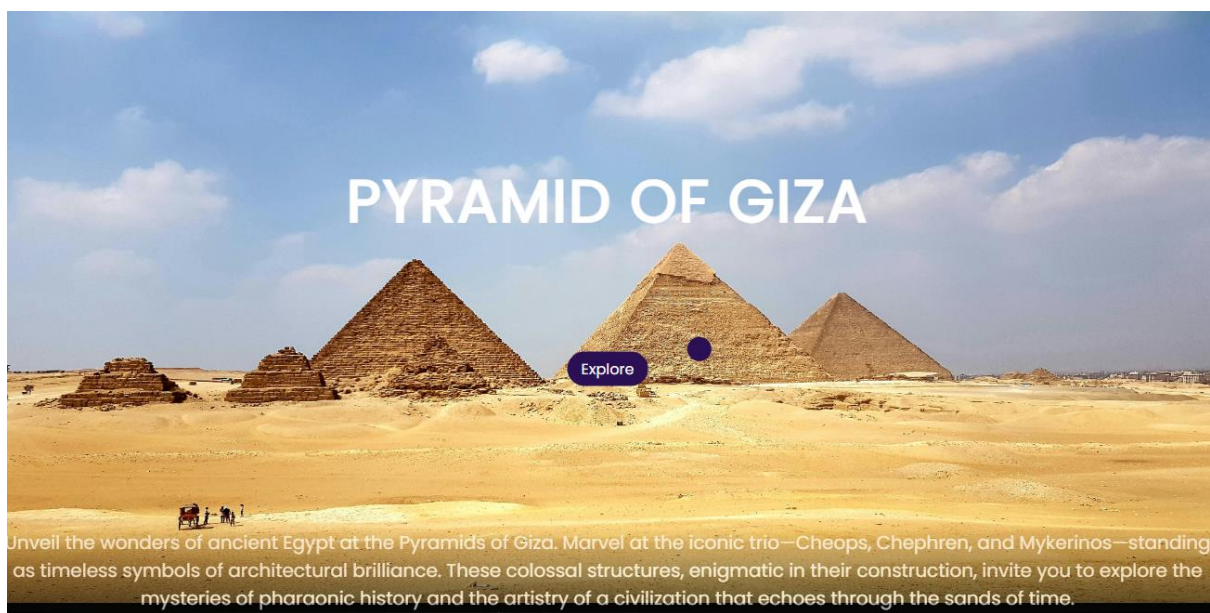
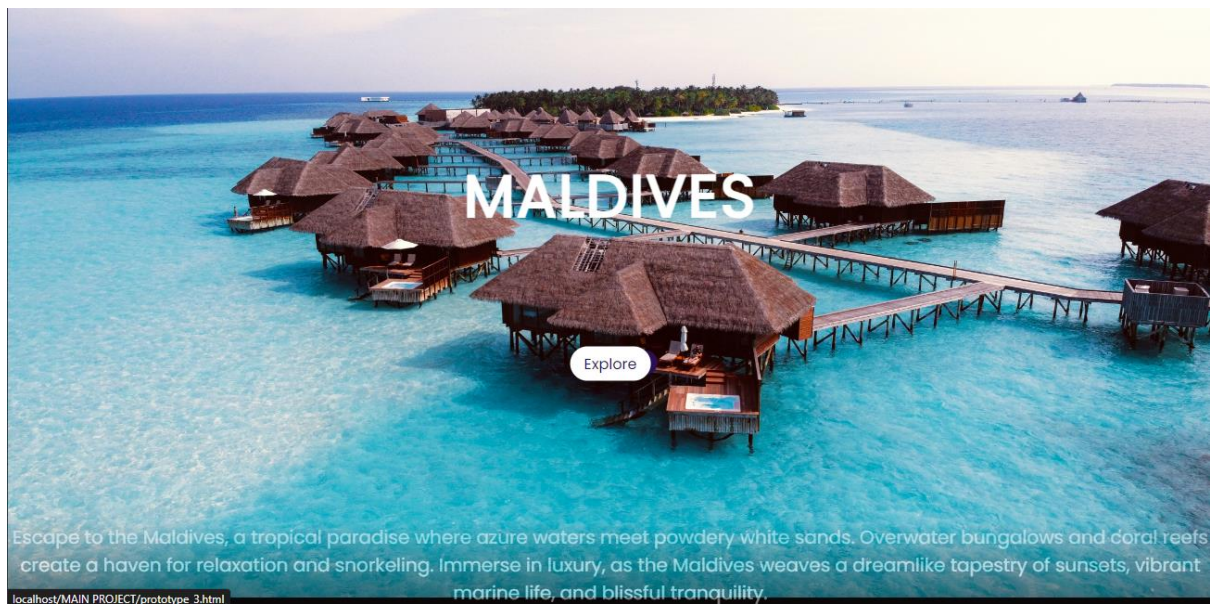
8. ER Diagram:

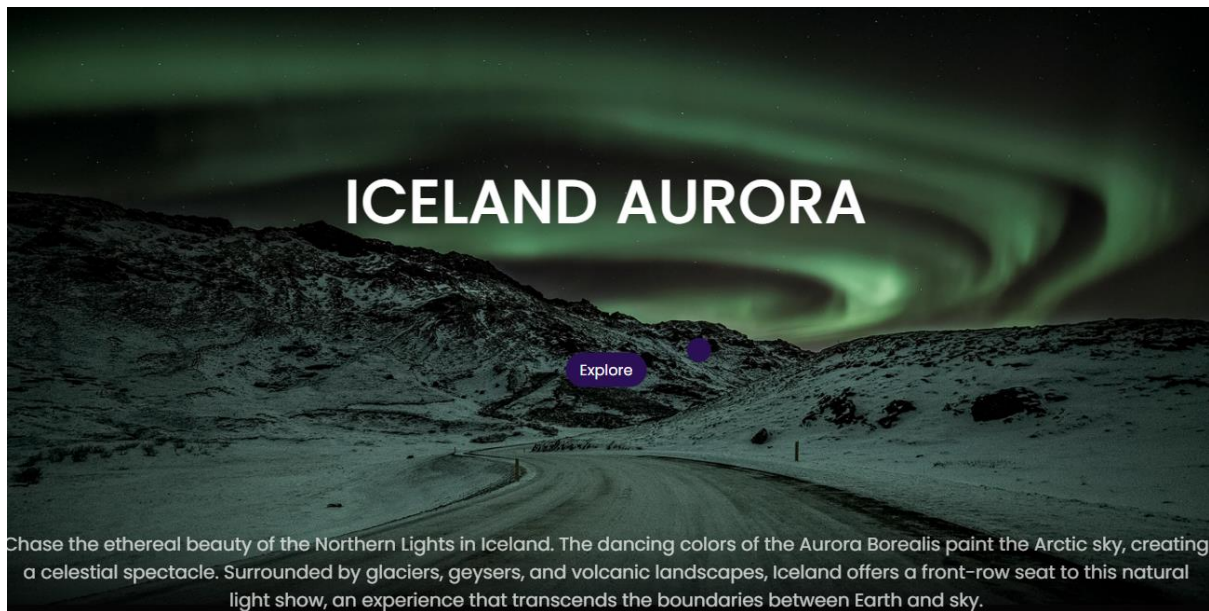


9. Images :

9.1 Main Page :







ICELAND AURORA

[Explore](#)

Chase the ethereal beauty of the Northern Lights in Iceland. The dancing colors of the Aurora Borealis paint the Arctic sky, creating a celestial spectacle. Surrounded by glaciers, geysers, and volcanic landscapes, Iceland offers a front-row seat to this natural light show, an experience that transcends the boundaries between Earth and sky.

Chase the ethereal beauty of the Northern Lights in Iceland. The dancing colors of the Aurora Borealis paint the Arctic sky, creating a celestial spectacle. Surrounded by glaciers, geysers, and volcanic landscapes, Iceland offers a front-row seat to this natural light show, an experience that transcends the boundaries between Earth and sky.

Click The area You want to Visit



Join us

Service

We provides you with **Well organised** and **Budget friendly** Website .

Useful Links

- Sign In
- Log In
- Terms and Conditions

Get in Touch

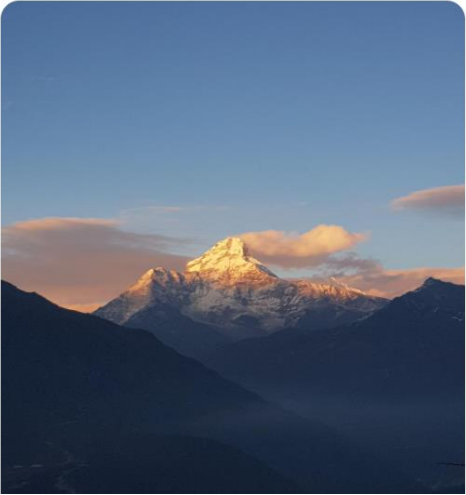
Name
Email
Message...
Submit

| Made by ALI |

9.2 Tours Information :

EWXP

[Home](#) [Sign In](#) [Log In](#) [Contact](#)

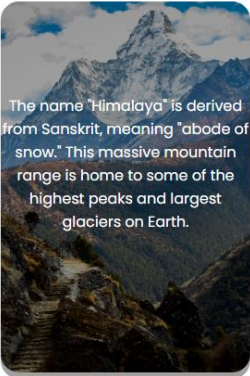


HIMALAYA

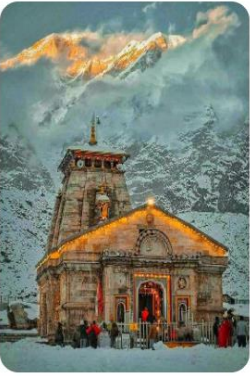
About :
Embark on an epic adventure in the Himalayas, Earth's grandest mountain range. Towering peaks, ancient monasteries, and diverse cultures await. Whether trekking through pristine landscapes or seeking spiritual solace, the Himalayas inspire awe with their majestic beauty and profound significance.


Booking

Images :



The name "Himalaya" is derived from Sanskrit, meaning "abode of snow." This massive mountain range is home to some of the highest peaks and largest glaciers on Earth.





Location:

The Himalayan mountain range spans across five countries: India, Nepal, Bhutan, China (Tibet), and Pakistan.

Key Features:

1.Biodiversity:

The Himalayas are known for their rich biodiversity, hosting a variety of flora and fauna. The region is home to many endangered species, including the Bengal tiger, red panda, and snow leopard

2.Cultural Importance:

The Himalayas have significant cultural importance. Many religious and spiritual sites are located in the region, and the mountains are considered sacred in Hinduism and Buddhism.

3.River Origins:

Several major rivers, such as the Ganges, Brahmaputra, and Indus, originate in the Himalayas. These rivers are crucial for the water supply of the vast regions surrounding the mountains.

Service

We provides you with **Well organised** and **Budget friendly** Website .

Useful Links

- Sign In
- Log In
- Terms and Conditions

Get in Touch

9.3 Booking :

EWXP

Home

Sign in

Log In

Contact

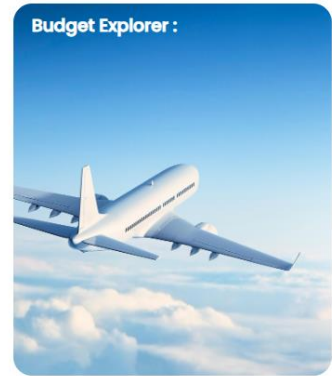


BOOKING

If you haven't login in the website
please login to procede further

Login

localhost/MAIN PROJECT/sign.html



For Addition Feature And Conditions

Please select

For Addition Feature And Conditions

Please Enter Your Address :

Please select

Please select

- Himalaya
- Taj Mahal
- Maldives
- Pyramid of Giza
- Iceland Aurora
- Shaoiin Temple
- Russia
- Colosseum,Rome
- Eiffel Tower
- London
- Statue of Liberty
- Golden Gate Bridge
- Aztec Pyramid
- Easter Island
- Torii Gate,Japan
- Chureito Pagoda

Name

Email

Message...

Submit

Service

We provides you with **Well organised and Budget friendly** Website .

Useful Links

- Sign In
- Log In
- Terms and Conditions

For Addition Feature And Conditions

Please Enter Your Address :

Please select



Please select the pack



Please select the pack

Luxury Explorer
Discoverer's Delight
Budget Explorer

Submit

Reset

Service

We provides you with **Well organised and Budget friendly** Website .

Useful Links

- Sign In
- Log In
- Terms and Conditions

Get in Touch

Name

Email

Message...

Submit

For Addition Feature And Conditions

Please Enter Your Address :

Yerwada pune 6

Taj Mahal



Luxury Explorer



2

Submit

Reset

Service

We provides you with **Well organised and Budget friendly** Website .

Useful Links

- Sign In
- Log In
- Terms and Conditions

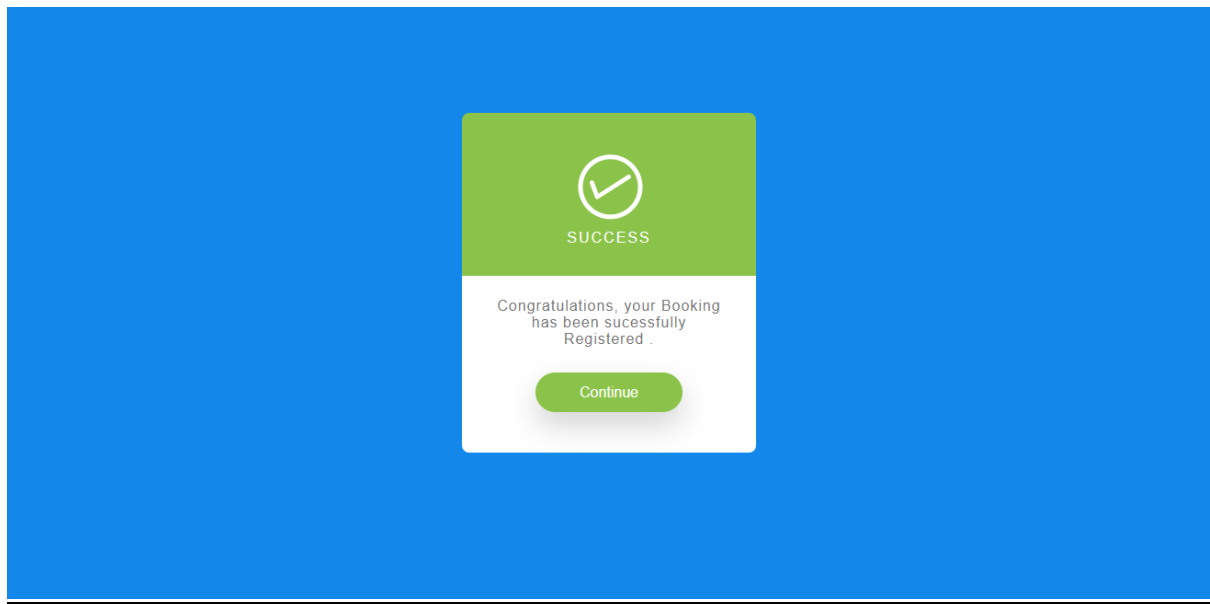
Get in Touch

Name

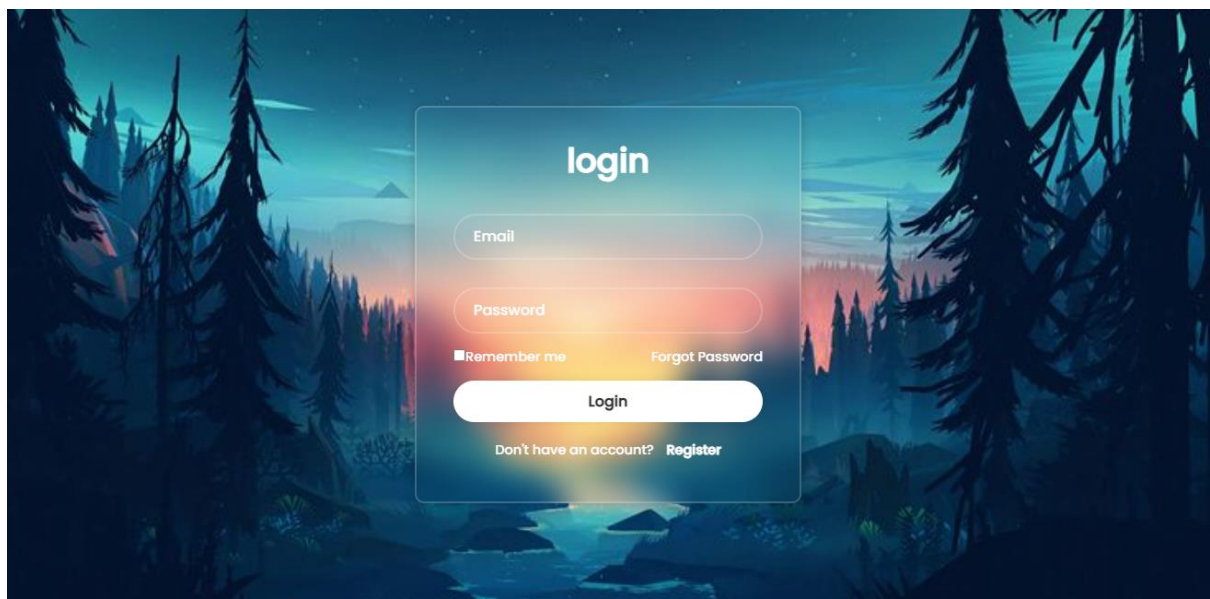
Email

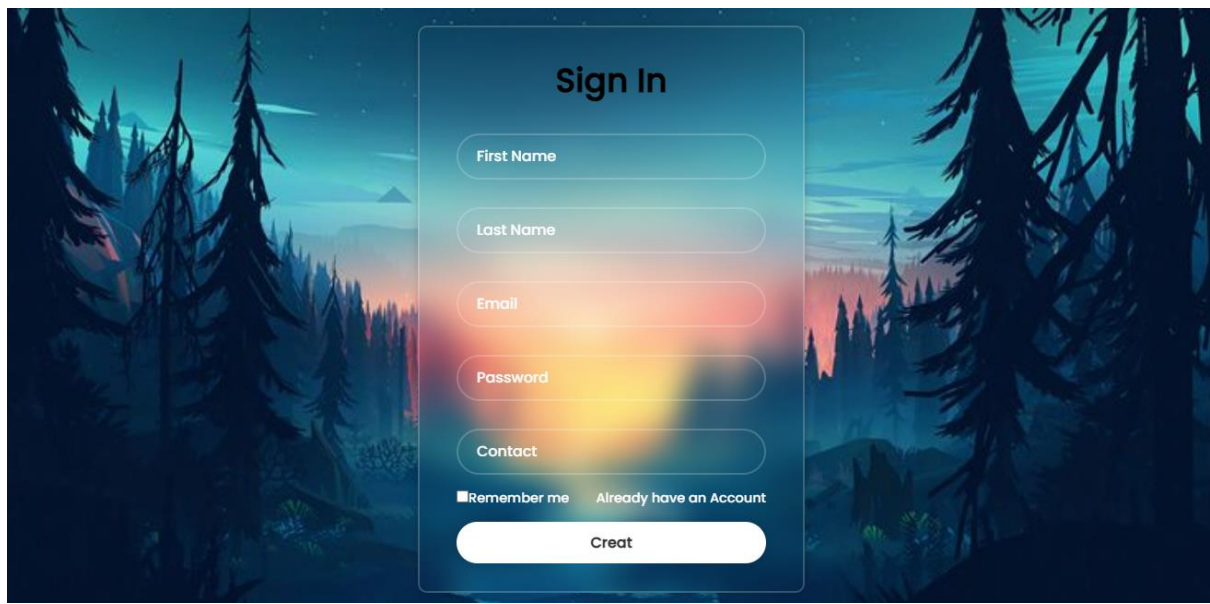
Message...

Submit



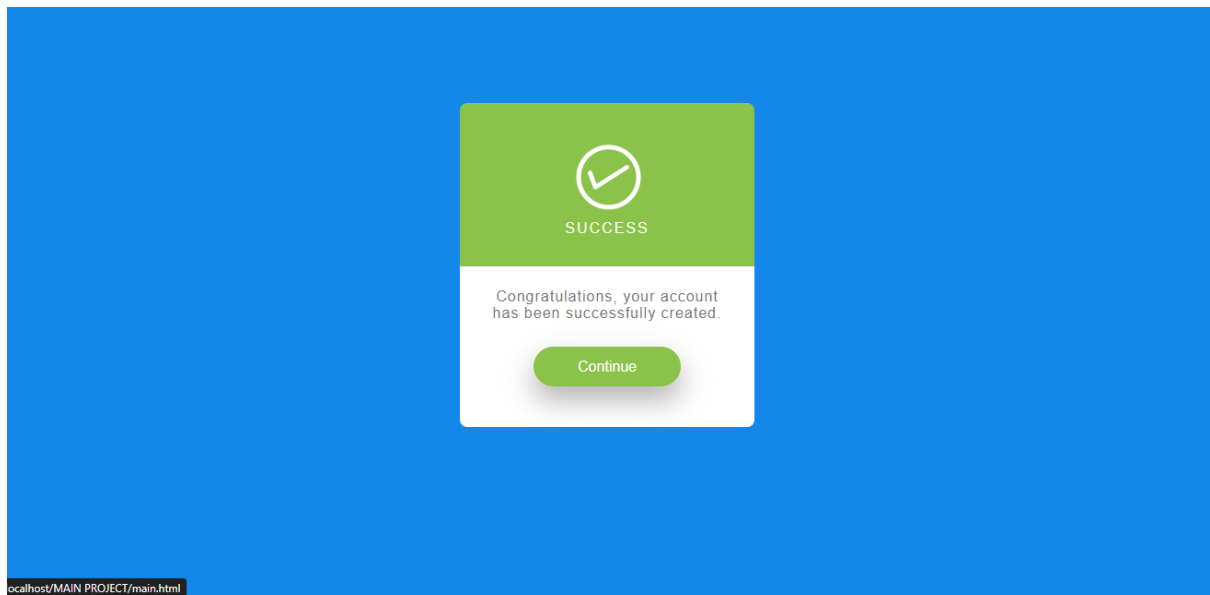
9.4 Log in , Signin :



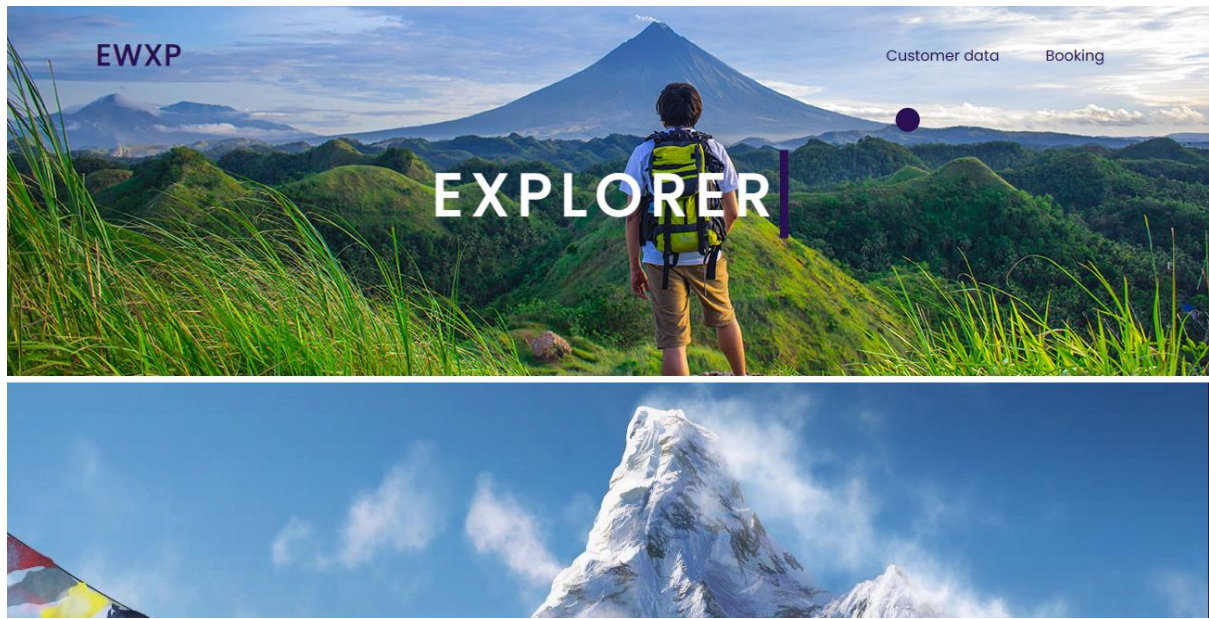


A sign-in form is centered on a background of a dark forest at night with a glowing horizon. The form is a light gray rounded rectangle containing the following elements:

- Sign In**: A title in bold black font.
- First Name**: A text input field.
- Last Name**: A text input field.
- Email**: A text input field.
- Password**: A text input field.
- Contact**: A text input field.
- ☐ **Remember me** [Already have an Account](#)
- Crear**: A white button with black text.



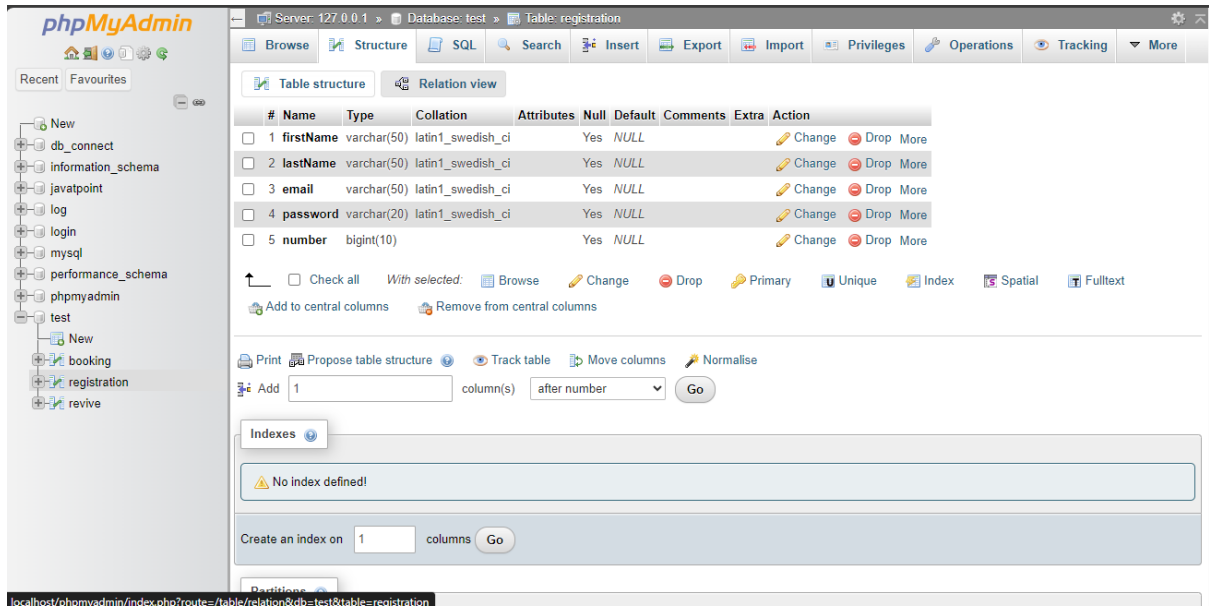
9.5 Admin View:



Name	Email	Add Features	Address	Place	Packages	Number
Alid Sajid Shaikh	alidshaikh05@gmail.com		Yerwada pune 6	Torii Gate Japan	Luxury Explorer	8
Zidan Tamboli	assad@gmial.com		hadapsar - 4002	Himalaya	Discoverers Delight	3
ahetesham	Ahetesham@gmail.com	i am handy cap	al baik kay samnay , near shital petrol pump	London	Luxury Explorer	2

9.6 Backend :

9.6.1 Registration :

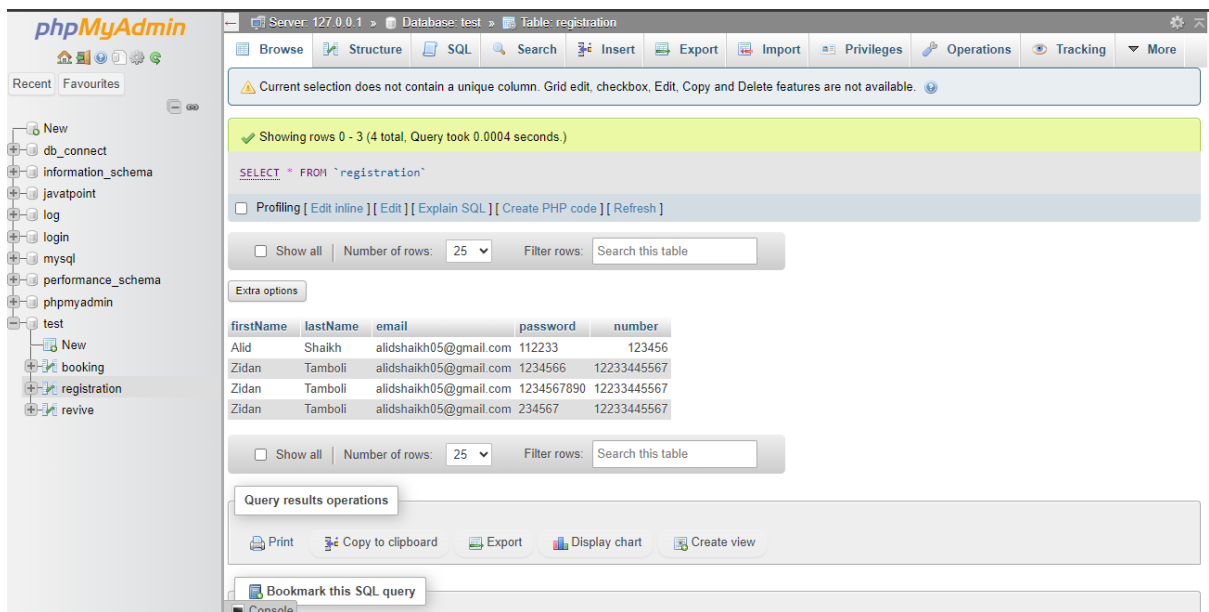


The screenshot shows the phpMyAdmin interface for the 'registration' table. The table structure is displayed in 'Table structure' view. The table has five columns: firstName, lastName, email, password, and number. The 'number' column is a bigint(10) and is the primary key. The 'email' column is a varchar(50) and is indexed. The 'password' column is a varchar(20) and is indexed. The 'firstName' and 'lastName' columns are varchar(50) and are indexed. The 'email' column is a varchar(50) and is indexed. The 'password' column is a varchar(20) and is indexed. The 'number' column is a bigint(10) and is the primary key.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	firstName	varchar(50)	latin1_swedish_ci		Yes	NULL			Change Drop More
2	lastName	varchar(50)	latin1_swedish_ci		Yes	NULL			Change Drop More
3	email	varchar(50)	latin1_swedish_ci		Yes	NULL			Change Drop More
4	password	varchar(20)	latin1_swedish_ci		Yes	NULL			Change Drop More
5	number	bigint(10)			Yes	NULL			Change Drop More

Indexes: No index defined!

Create an index on 1 column(s) Go



The screenshot shows the phpMyAdmin interface for the 'registration' table, displaying the data. The table has four rows of data. The columns are firstName, lastName, email, password, and number. The data is as follows:

firstName	lastName	email	password	number
Alid	Shaikh	alidshaikh05@gmail.com	112233	123456
Zidan	Tamboli	alidshaikh05@gmail.com	1234566	12233445567
Zidan	Tamboli	alidshaikh05@gmail.com	1234567890	12233445567
Zidan	Tamboli	alidshaikh05@gmail.com	234567	12233445567

Query results operations: Print, Copy to clipboard, Export, Display chart, Create view

Bookmark this SQL query

9.6.2 Booking :

The screenshot shows the phpMyAdmin interface for the 'test' database, specifically the 'booking' table structure. The table has 7 columns: name, email, add_feature, address, place, package, and number. The 'place' and 'package' columns are of type 'enum'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	name	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
2	email	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
3	add_feature	varchar(70)	latin1_swedish_ci		No	None			Change Drop More
4	address	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
5	place	enum('Himalaya','Taj Maha','Maldives','Pyramid...')	latin1_swedish_ci		No	None			Change Drop More
6	package	enum('Luxury Explorer','Discoverers Delight','Bu...')	latin1_swedish_ci		No	None			Change Drop More
7	number	int(100)			No	None			Change Drop More

Below the table structure, there are options to add a new column. The 'Indexes' section shows 'No index defined!'. At the bottom, there is a console area.

The screenshot shows the phpMyAdmin interface for the 'test' database, specifically the 'registration' table. The table contains 3 rows of data. The columns are firstName, lastName, email, password, and number.

	firstName	lastName	email	password	number
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Zidan	Tamboli	alidshaikh05@gmail.com	123456789	12233445567
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Alid	Shaikh	assad@gmail.com	0987654321	234561345
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Alid	Shaikh	sajidshaikh@gmail.com	343434	987654

Below the table data, there are options to perform query results operations: Print, Copy to clipboard, Export, Display chart, and Create view. There is also a bookmark section.

9.6.3 Admin Data:

The screenshot shows the phpMyAdmin interface with the 'Table structure' view selected for the 'admin' table. The table structure is as follows:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	firstname	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
2	lastname	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
3	email	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
4	password	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
5	number	int(10)			No	None			Change Drop More

Below the table structure, there are options to 'Check all', 'With selected', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', 'Spatial', and 'Fulltext'. There are also buttons for 'Add to central columns' and 'Remove from central columns'.

The 'Indexes' section shows a table with columns: Action, Keyname, Type, Unique, Packed, Column, Cardinality, Collation, Null, and Comment. The index 'email' is listed with type 'BTREE', unique 'Yes', packed 'No', column 'email', cardinality '0', collation 'A', and null 'No'.

At the bottom, there is a 'Create an index on' section with a dropdown for '1' column and a 'Go' button.

The screenshot shows the phpMyAdmin interface with the 'Table structure' view selected for the 'admin' table. The table structure is as follows:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	firstname	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
2	lastname	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
3	email	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
4	password	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
5	number	int(10)			No	None			Change Drop More

Below the table structure, there are options to 'Check all', 'With selected', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', 'Spatial', and 'Fulltext'. There are also buttons for 'Add to central columns' and 'Remove from central columns'.

The 'Indexes' section shows a table with columns: Action, Keyname, Type, Unique, Packed, Column, Cardinality, Collation, Null, and Comment. The index 'email' is listed with type 'BTREE', unique 'Yes', packed 'No', column 'email', cardinality '0', collation 'A', and null 'No'.

At the bottom, there is a 'Create an index on' section with a dropdown for '1' column and a 'Go' button.

10. Testing:

10.1 Black Box Testing:

The Tours and Traveling Black box testing will focus on validating the functionality and behavior of the Tours and Traveling Website from an external perspective. This type of testing does not require knowledge of the internal implementation details of the website. The following black box testing techniques will be applied:

1. **Equivalence Partitioning:** It is the grouping of input data into equivalence classes in order to reduce the number of test cases at the same time maintaining test coverage. For example, valid and invalid inputs are used to test tour search functionality.
2. **Boundary Value Analysis:** This is where testing is at the boundaries of input ranges so as to discover defects concerning boundary conditions. For instance, booking forms are tested with minimum and maximum values for dates, prices and number of participants.
3. **Decision Table Testing:** This implies creating decision tables showing combinations of input conditions and corresponding expected outputs; this helps in validating complex business rules or conditions such as eligibility criteria for special offers/discounts.
4. **State Transition Testing:** It means validating how different systems will behave as they go through multiple states and state transitions,

which could include user authentication, booking status updates and payment processing workflows among others.

10.2 White Box Testing:

White box testing will focus on validating the internal structure, logic, and code implementation of the Tours and Traveling Website. This type of testing requires access to the source code and detailed knowledge of the system's internals. The following white box testing techniques will be applied:

1. **Statement Coverage:** The method of guiding the tester through each line in the source code so that the code is executed at least once in testing. This can be done using unit tests and code reviews to give certainty about correctness and completeness of code execution paths.
2. **Branch Coverage:** The method of ensuring that all branches or decision outcomes in the coding are covered by test cases. This will involve investigating various conditional blocks, loops, and decision nodes within the codebase to check how it reacts on different occasions.
3. **Path Coverage:** Ensuring that all possible paths through the code are tested including conditionals and loops as well as other control flow elements like exception handling mechanisms etc. Here we need to analyse control flow graphs and identify unique paths for comprehensive coverage of our codes.

11. Conclusion:

The Tours and Traveling Website represents a significant milestone in the realm of online travel booking platforms, offering a seamless and user-friendly solution for travelers to explore, plan, and book their dream vacations. Throughout the development process, we have strived to create a website that not only meets but exceeds the expectations of our users and stakeholders, delivering exceptional value and experiences at every touchpoint.

11.1 Key Achievements :

1. Enhanced User Experience
2. Robust Functionality
3. Scalability and Flexibility
4. Value Proposition

Thank You

