



# Techwiz 5 Documentation On Expense Voyage

Project Name:	Expense Voyage	
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## 1. ACKNOWLEDGEMENT:

*First and foremost, we would like to extend our sincere gratitude to the mentors at TechWiz 5 and the faculty at Aptech. Their invaluable guidance, counseling, and support were instrumental in helping us finalize this project within the limited timeframe.*

*We would also like to express our thanks to Aptech's Head Office for providing us with the opportunity to work on such an interesting and engaging project centered around a Trip Planner. This experience has been both rewarding and insightful. .*

- *Additionally, we are grateful to the TechWiz team for entrusting us with this task. This project has provided several key benefits:*
  - *Reinforcement of skills through practical, hands-on learning.*
  - *Constant guidance from a mentor, ensuring we remained on track throughout the project.*
  - *Boosted confidence in facing interviews, as this project allowed us to apply and articulate everything we've learned.*
  - *Lastly, we would like to thank our colleagues for their valuable suggestions and support throughout this journey.*
- **THANK YOU.**

## • 2. SYNOPSIS:

### **ExpenseVoyage Web Application Synopsis:**

*ExpenseVoyage* is a comprehensive web application designed to simplify and enhance the management of travel expenses for both individual and group travelers. Built using modern web technologies, this platform offers a user-friendly interface with robust features that cater to travelers' specific needs. The application streamlines trip planning, expense tracking, and reporting, ensuring an organized and efficient travel experience. Key functionalities include:

#### **Trip Planning:**

- Users can create and manage trips by specifying destinations, dates, and key itinerary items such as flights, accommodations, and activities.
- The application allows users to edit or delete existing trips and provides an overview of upcoming or ongoing trips, including a summary of the remaining budget and important itinerary details.

#### **Expense Tracking:**

- Real-time expense logging enables users to manually add expenses, specifying the amount, category, and notes.
- Budget management features allow users to set an overall trip budget, as well as category-specific budgets (e.g., accommodation, transport, meals).
- Users receive alerts when they are approaching or exceeding their budget limits, ensuring better financial control during the trip.

### Dynamic Pages:

In our website the upcoming trips

The recent trips

Our services

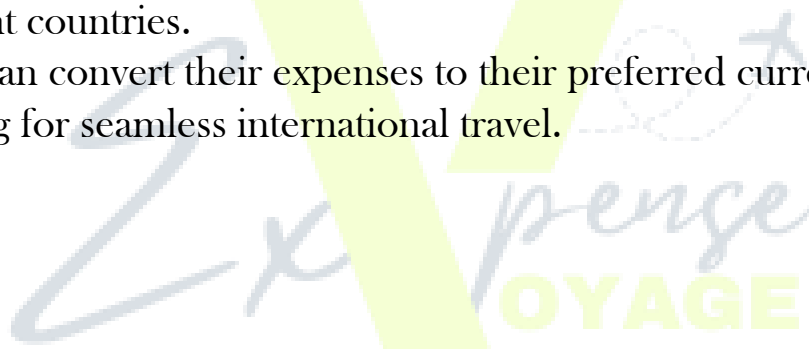
All packages

And our guide

Is all dynamic and admin have access to play with all these functionality .

### Currency Conversion:

- *Expense Voyage* supports multiple currencies, providing real-time exchange rates to facilitate accurate expense tracking across different countries.
- Users can convert their expenses to their preferred currency, allowing for seamless international travel.



### Reports and Analytics:

- The application generates detailed reports summarizing expenses by trip and category, helping travelers stay on top of their spending.
- Comprehensive analytics allow users to track their spending patterns, offering insights that can assist in future trip planning.

### User Profiles:

- Each user has a dedicated profile storing personal information, travel preferences, and trip history.
- This allows for a personalized experience, enabling users to quickly retrieve past trips and review their expenses.

### Responsive Design:

- *Expense Voyage* is designed to be fully responsive, ensuring a smooth and intuitive experience across all devices, including desktops, tablets, and smartphones.

## 3.PROJECT ANALYSIS:

### 1.Project Overview:

The *Expense Voyage* project aims to create a comprehensive web application to streamline and enhance the process of managing travel expenses. It provides a platform for both individual and group travelers to efficiently plan trips, track expenses, and generate reports.

### 2.Objectives:

- **Efficient Trip Planning:** Offer a user-friendly platform for users to create and manage trips, including specifying destinations, dates, and itinerary items.
- **Expense Tracking and Budget Management:** Enable users to log expenses in real-time, track spending, and manage overall and category-specific budgets to avoid overspending.
- **User Profile and Trip History:** Provide a system for maintaining personalized user profiles, storing trip history, and allowing users to retrieve past expenses easily.
- **Reporting and Analytics:** Implement comprehensive reporting tools to generate detailed expense reports and offer insights into users' spending habits to aid future trip planning.

### 3.Target Users:

- **Individual Travelers:** Users who need to plan and track their personal travel expenses efficiently.
- **Group Travelers:** Users who travel in groups and require seamless collaborative expense tracking and management.
- **Administrators:** System administrators responsible for managing and maintaining the platform, adding destinations, and updating features.

### 4.Technology Stack:

- **Backend:** PHP framework (e.g., Laravel) for building a robust and scalable server-side solution.
- **Frontend:** HTML, CSS, JavaScript, and a front-end framework like Bootstrap for creating a responsive and intuitive interface.
- **Database:** MySQL or another relational database for efficient storage and retrieval of user and trip-related data.
- **Currency Conversion Integration:** Integration with real-time exchange rate APIs to facilitate accurate expense tracking across multiple currencies.

### 5.Key Features:

- **Trip Management:** Create, edit, and delete trips with detailed itineraries, including transportation, accommodations, and activities.

- **Expense Tracking:** Real-time logging of travel expenses, categorized by type, with budget tracking and alerts for approaching limits.
- **User Profiles:** Personalized profiles storing user details, trip history, and travel preferences for a customized experience.
- **Currency Conversion:** Real-time currency conversion for multiple currencies, allowing users to track expenses accurately in their preferred currency.
- **Reporting and Analytics:** Detailed reports summarizing expenses by category and trip, with analytics offering insights into spending trends.

## 6.Conclusion:

The *ExpenseVoyage* project aims to revolutionize the way travelers plan and manage their expenses by leveraging modern web technologies. With an intuitive interface and powerful tracking features, the system simplifies trip management for individuals and groups alike. Future enhancements such as mobile support and AI-driven insights will further enhance the user experience, making *ExpenseVoyage* a valuable tool for any traveler.

## 4.PROBLEM STATEMENT:

### Introduction:

Managing travel expenses can be a daunting task for both individual and group travelers. Many face challenges in tracking spending, staying within budgets, and keeping an organized

record of receipts. Traditional methods like manually entering expenses in spreadsheets or storing physical receipts are inefficient, prone to errors, and can lead to overspending or difficulty in managing reimbursements.

### **Problem:**

Travelers often struggle with:

- Tracking multiple expenses accurately while on the move.
- Managing budgets and staying within financial limits.
- Handling multiple currencies and keeping a record of exchange rates.
- Accessing detailed reports to review and analyze trip expenses.

## **5. PROJECT REQUIREMENTS:**

The following are the key features and functionalities expected from the *Expense Voyage* trip planning web application:

### **Home Page:**

The home page should provide an intuitive and informative experience for users. It should display details about *Expense Voyage*, showcasing features such as budget tracking, itinerary planning, and expense management with appealing visuals. The home page should also offer a clear call to action for user registration and login.

### **User Authentication and Access Control:**



The system should support two user roles: **User** and **Admin**, each with distinct access privileges.

- Users will log in securely using email and password authentication.
- Admins will have additional privileges such as managing trips and destinations.

### **Trip and Itinerary Management:**

Users should be able to:

- View, create, edit, and delete trip itineraries.
- Add details like destination, travel dates, transportation, accommodation, and activities to trips.
- Manage multiple trips.

### **Expense Tracking:**

The application should allow users to:

- Log expenses in real-time, categorized by accommodation, food, transport, and other custom categories.
- Set an overall trip budget and category-specific budgets.
- Provide automatic alerts when nearing or exceeding the budget limits.
- Allow currency conversion for expenses in different currencies, and display totals in the user's preferred currency.

### **Notifications and Reminders:**

- Send users reminders to log expenses or update itineraries.

- Notify users when they are nearing or exceeding their budget limits.
- Provide alerts for upcoming trips or important travel dates (e.g., flight times, accommodation check-ins).

### **Admin Panel:**

The Admin panel should allow administrators to:

- Manage trip data, user accounts, and system content.
- View and control system-level settings like destinations, trips, currencies, and budgets.
- Review system usage reports and analytics for better management.

### **Reporting and Analytics:**

The system should generate detailed reports on:

- Expenses by category, trip, and date range.
- User activity, including recent trips and spending trends.
- Budget usage and remaining balances.

### **Contact Us:**

This section should display the contact details (Email, Address, Phone number and message) of the *Expense Voyage* team for user queries and support.

### **Submit Feedback:**

Users should be able to submit feedback on their experience using the *Expense Voyage* application through a feedback form.

This will include a field for comments, ratings, and suggestions for improvement.

## 6. SCOPE OF THE WORK:

The scope of the *Expense Voyage* web application project focuses on developing a comprehensive, user-friendly platform that simplifies trip planning and expense management for travelers. The primary objective is to provide users with an efficient system to plan trips, track itineraries and manage expenses.

The system will allow users to:

- Seamlessly create, edit, and manage trip itineraries, including details such as destinations, dates, transportation, and accommodation.
- Track expenses in real-time, categorized by type, with budget tracking and alerts for overspending.
- Collaborate on trips by contribute to the planning or expense tracking.

Key functionalities include:

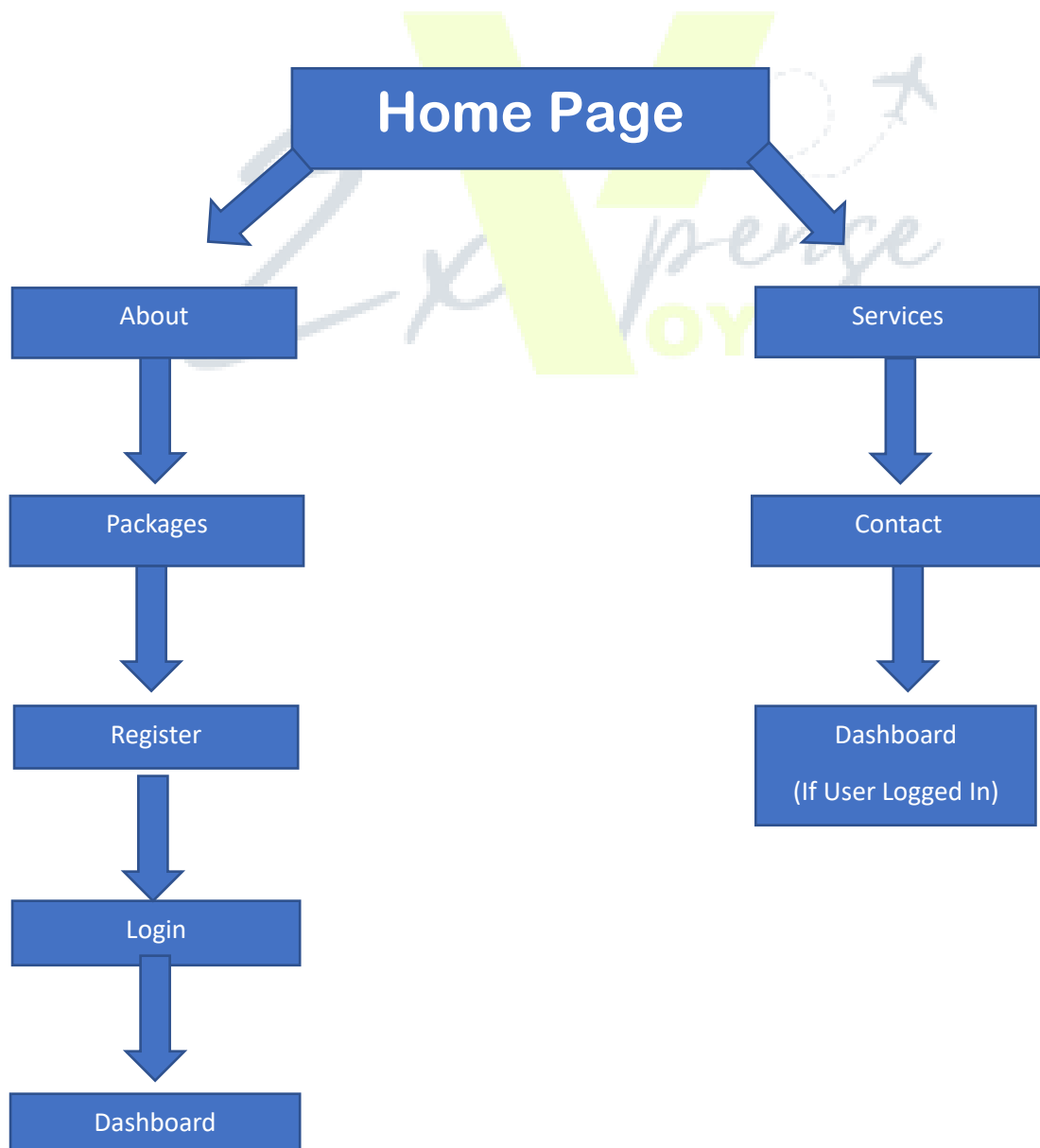
- **Expense Tracking:** Users will be able to log expenses, set trip budgets, and track real-time spending across multiple categories. The system will support currency conversion.

- **Trip Collaboration:** The platform will facilitate group travel, allowing users to split expenses and manage contributions across multiple participants.
- **User Profile Management:** Users will maintain personal profiles with travel preferences and previous trip histories.
- **Admin Control:** The application will feature an admin panel for system administrators to manage trips, destinations, users, and currencies. Admins will also have access to usage reports and analytics.

The application will be fully responsive, offering an optimized experience across desktops, tablets, and mobile devices. Emphasis will be placed on security features to protect sensitive user information. Additionally, a simple and intuitive interface will ensure ease of use for both individual travelers and group planners.

The ultimate goal is to enhance the convenience and efficiency of trip planning while providing a seamless experience for tracking travel expenses, all within a modern digital platform.

## 7. FLOWCHART/SITEMAP:



## 8. NAVBAR:

This is Our Navbar Where, from this section user can go to multiple pages.



## 8. FOOTER:

**This is our Footer in all pages**

### HOME





- › About
- › CServices
- › Packages
- › Contact
- › Dashboard

### Contact


📍 Garden West karachi

☎ +012 345 67890

✉ yaseen2309d@aptechgdn.net



### Gallery




### Newsletter

Dolor amet sit justo amet elit  
clita ipsum elit est.

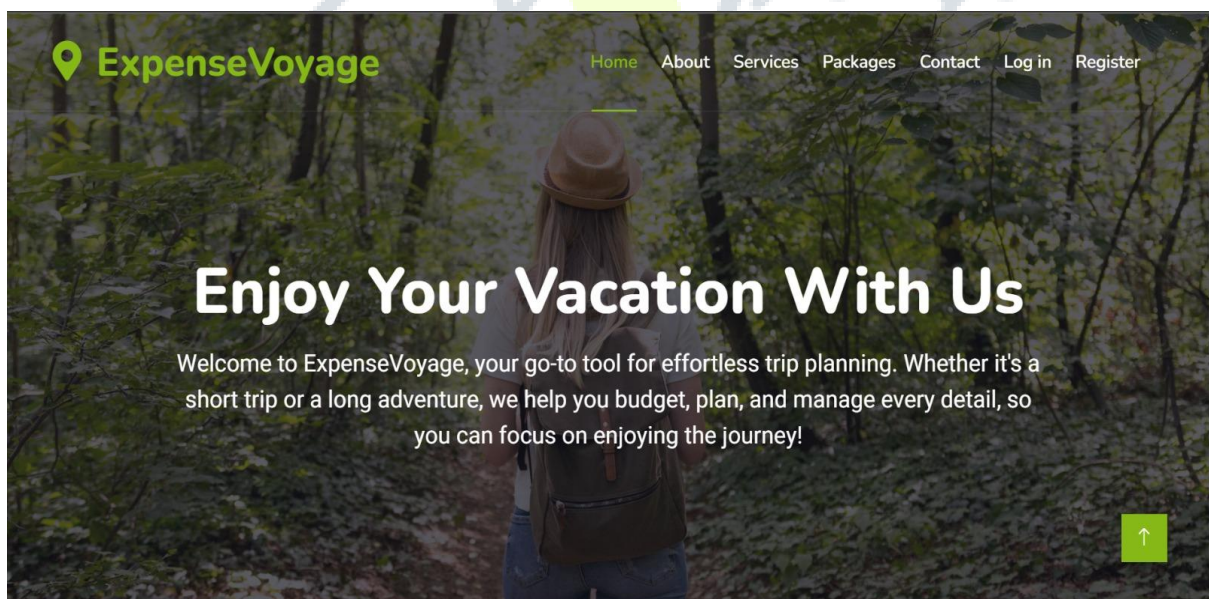
[SignUp](#)

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[Home](#) [Cookies](#) [Help](#) [FAQ](#) 

## Home Page:

The home page will feature dynamic trip recommendations, personalized upcoming trip overviews, and the latest travel blogs. This will provide users with easy access to their travel plans and relevant travel insights.







#### ABOUT US

## Welcome to Tourist

Tempor erat elitr rebum at clita. Diam dolor diam ipsum sit. Aliqu diam amet diam et eos. Clita erat ipsum et lorem et sit.

Tempor erat elitr rebum at clita. Diam dolor diam ipsum sit. Aliqu diam amet diam et eos. Clita erat ipsum et lorem et sit, sed stet lorem sit clita duo justo magna dolore erat amet

- First Class Flights
- 5 Star Accommodations
- 150 Premium City Tours

- Handpicked Hotels
- Latest Model Vehicles
- 24/7 Service

[Read More](#)

## Our Upcoming Trips

Trip Name	Start Date	End Date	Destination	Budget
Tour In Pakistan	2024-09-24	2024-09-26	Islamabad	10000
Tour In Pakistan	2024-10-01	2024-10-02	lahore	9000
Tour In Pakistan	2024-10-03	2024-10-04	multan	12000

## Our Recent Activities

Activity Name	Start Date	End Date	Location	Expense Category	Amount	Payment Method	Notes
Tour	2024-09-21	2024-09-22	Peshawar	Air travel	15000	Cash	good service
Tour	2024-09-22	2024-09-23	Multan	Air travel	15000	Bank Transfer	exellent
Tour	2024-09-23	2024-09-23	lahore	Entertainment	15000	Credit Card	exellent

DESTINATION

## Popular Destination



SERVICES

## Our Services



### Pakistan All Hotels Service Available

hi guys how are you



### All Time Available Car Service

hi guys how are you



### All Time Available Map Service Available

hi guys how are you



### Book Your Ticket

hi guys how are you

## PACKAGES

# Awesome Packages



📍 Multan 📅 3 days 👤 3 Person

30000



📍 Islamabad 📅 4 days 👤 5 Person



📍 Sialkot 📅 3 days 👤 2 Person



## TRAVEL GUIDE

# Meet Our Guide



**Furqan Ali**  
hi how are you



**Ilyas**  
hi how are you



**zufi khan**  
hi how are you



**Radia Ali**  
hi how are you



### HOME

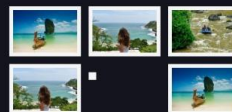
- › About
- › CServices
- › Packages
- › Contact
- › Dashboard

### Contact

📍 Garden West karachi  
☎ +012 345 67890  
✉ yaseen2309d@aptechgdn.net



### Gallery



### Newsletter

Dolor amet sit justo amet elit  
clita ipsum elit est.

Your email

SignUp



## About Page:

This is our about page, Where User can get Information About Our Website.



### ABOUT US

## Welcome to ExpenseVoyage

your ultimate trip planning assistant. We specialize in helping travelers organize every aspect of their journey, ensuring a seamless and stress-free experience. Whether it's planning your itinerary, budgeting your expenses, or finding the best deals, ExpenseVoyage is here to simplify your travel preparations.

- Plan Customized
- Discover Affordable Flights
- Get Local Insights and Travel Tips for over 150 destinations
- Track Expenses
- Coordinate Transportation
- Access 24/7 Support to ensure your trip goes smoothly

[Read More](#)



TRAVEL GUIDE

## Meet Our Guide



**Furqan Ali**  
hi how are you



**Ilyas**  
hi how are you



**zufi khan**  
hi how are you



**Radia Ali**  
hi how are you



## Services page:

This is our services page where User can See Services of our website.

SERVICES

## Our Services



### Pakistan All Hotels Service Available

hi guys how are you



### All Time Available Car Service

hi guys how are you



### All Time Available Map Service Available

hi guys how are you



### Book Your Ticket

hi guys how are you



#### Money Transfer

hi guys how are you



#### Airplane Service Available

hi guys how are you



#### Globally Service Available

hi guys how are you



#### Connect Multiple Users

hi guys how are you



Packages page:

This is our website packages page where user can see our travel packages and trips.

## PACKAGES

### Awesome Packages



Multan 3 days 3 Person

30000



Islamabad 4 days 5 Person



Sialkot 3 days 2 Person



Multan 3 days 3 Person

30000



best service

Read More



Islamabad 4 days 5 Person

65000



nice package

Read More



Sialkot 3 days 2 Person

25000



nice

Read More



## Contact Page:

This is contact page where user can Contact with uss:

CONTACT US

## Contact For Any Query

### Get In Touch

Tempor erat elitr rebum at clita. Diam dolor diam ipsum sit. Aliqu diam amet diam et eos

- Office**  
123 Street, New York, USA
- Mobile**  
+012 345 67890
- Email**  
info@example.com



CONTACT US

## Contact For Any Query

### Get In Touch

Tempor erat elitr rebum at clita. Diam dolor diam ipsum sit. Aliqu diam amet diam et eos

- Office**  
123 Street, New York, USA
- Mobile**  
+012 345 67890
- Email**  
info@example.com



Register page:

This is our register page where user can register their selves .



## Sign up

 Your Name

 Your Email

 Password

 Repeat your password

Register




[I am already a member](#)





## Login Page:

This is our login page where user can login to their dashboards.



## Login

 Your Email

 Password

☐ Remember me

[Forgot your password?](#)

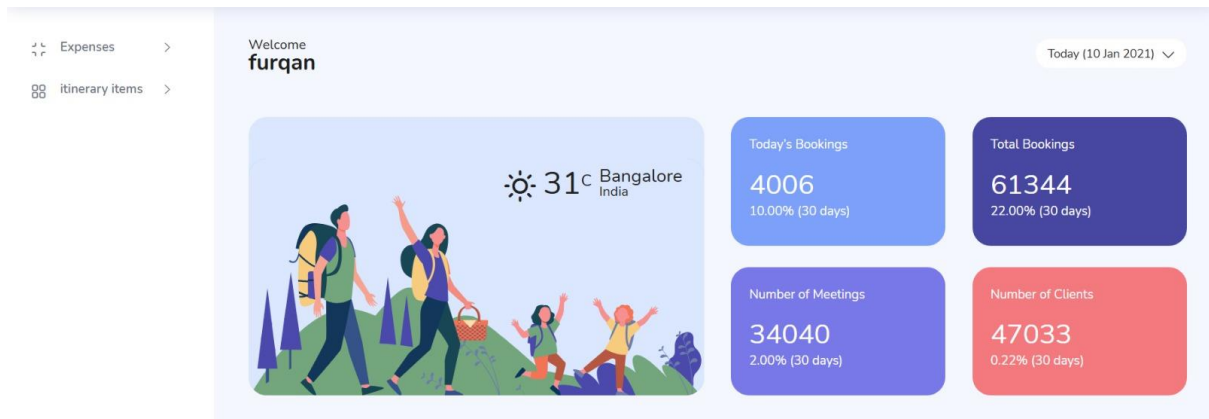
Log in

[Create an account](#)



## User Dashboard:

This is our User dashboard where user can perform multiple tasks for themselves.



## User dashboard expenses page:

This is our expense page Where user can add their expenses and also can view them.

The 'Add Expense' form includes a sidebar with 'Dashboard' and 'Expenses' (containing 'Add Expenses' and 'View Expenses' links). The form fields are: 'Select Amount' (text input), 'Add Category' (text input), 'Add Expense Date' (calendar icon, placeholder 'mm/dd/yyyy'), 'Add Trip Name' (dropdown menu with 'Choose Trip Name'), 'Add Note' (text input), and an 'Add Expense' button.

Dashboard

Expenses

Add Expenses

View Expenses

View Expense

Id	Amount	Category	Date	Trip Name	Notes	Action
----	--------	----------	------	-----------	-------	--------

Itinerary items:

User can add itinerary items and also have access to view

Dashboard

Expenses >

### Add Itinerary Items

Transport

Lodging

Activities

Accommodation

Add  
itineraryitems

View Itinerary Items

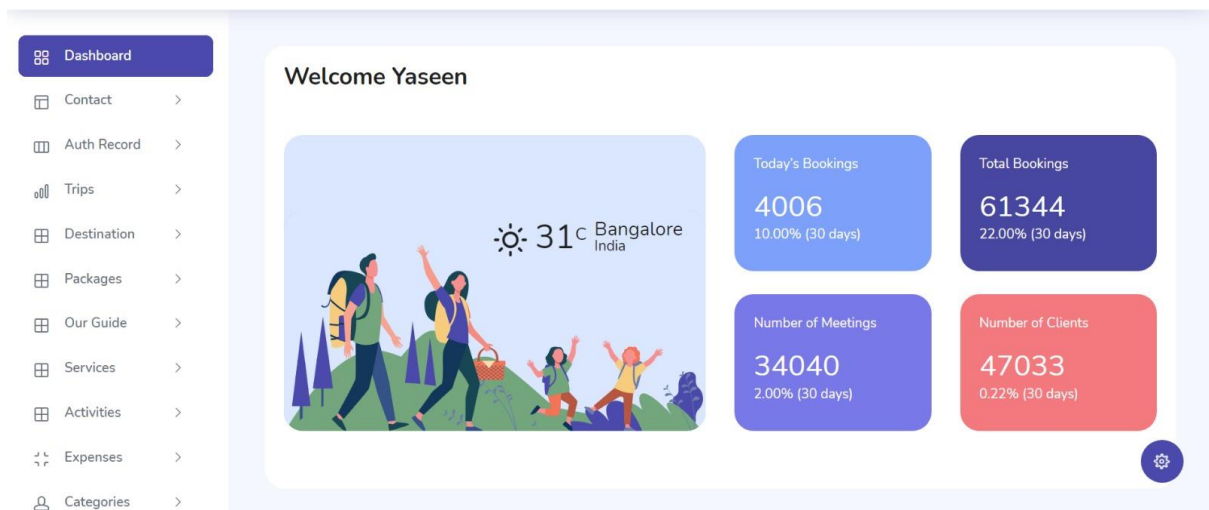
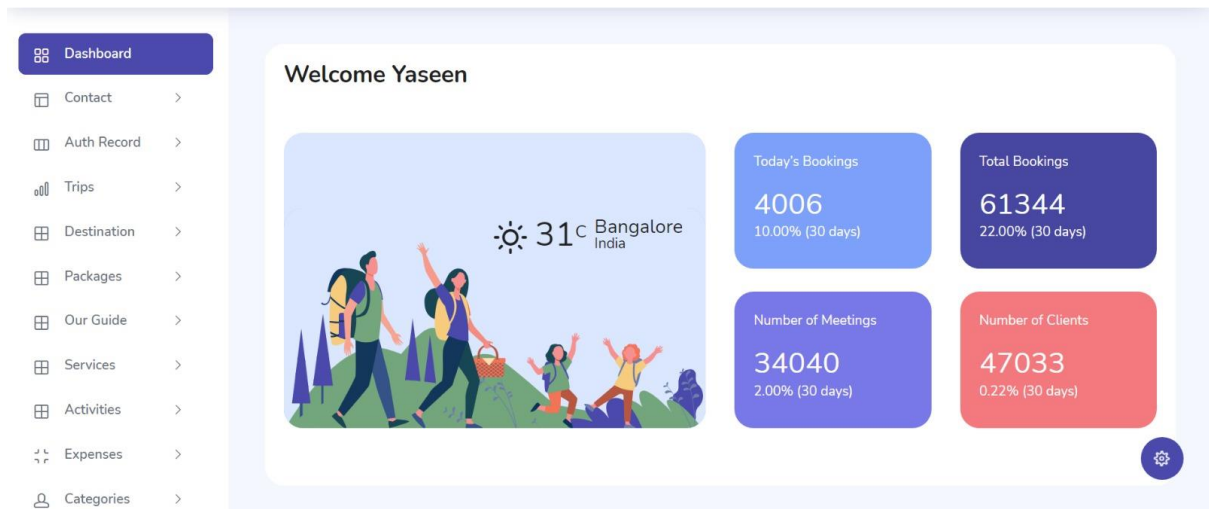
## View Items

Id	Transport	Lodging	Activities	Accommodation	Action
----	-----------	---------	------------	---------------	--------



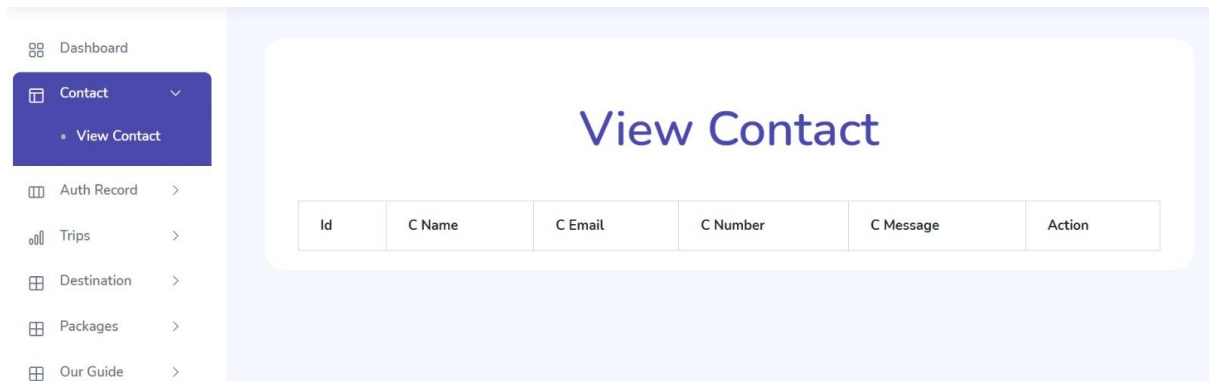
## Admin Dashboard:

This is our Admin Dashboard where user can perform multiple tasks easily.



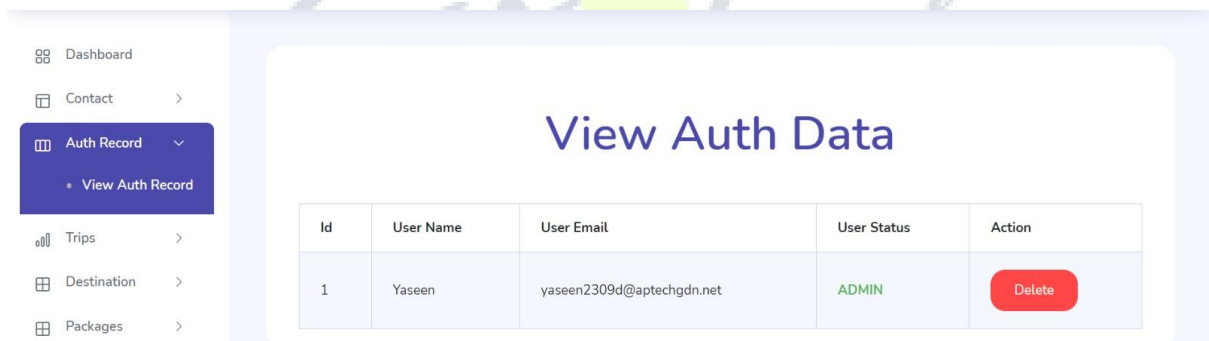
## Admin Contact Page

This is the admin contact page where admin can see the details of user who contacting them.



## Auth record page:

This is our Auth page where admin can see the details of users who registering their selves.



## Admin Trips page:

This is our admin trips page where user can add upcoming trips for user and also can view them,

User can also see these upcoming trips on home page.

Dashboard

Contact >

Auth Record >

Trips

• Add Trips

• View Trips

Destination >

Packages >

Our Guide >

Services >

Activities >

Add Trips

Start Date

End Date

mm/dd/yy

mm/dd/yy

Trip Name

Trip Destination

Choose Destination

Trip Budget

Add Trips

Contact >

Auth Record >

Trips

• Add Trips

• View Trips

Destination >

Packages >

Our Guide >

Services >

Activities >

Expenses >

View Trips

Id	User Id	Trip Name	Start Date	End Date	Destination	Budget	Action
1	1	Tour In Pakistan	2024-09-24	2024-09-26	Islamabad	10000	<div>Edit</div>
2	1	Tour In Pakistan	2024-10-01	2024-10-02	lahore	9000	<div>Edit</div>
3	1	Tour In Pakistan	2024-10-03	2024-10-04	multan	12000	<div>Edit</div>

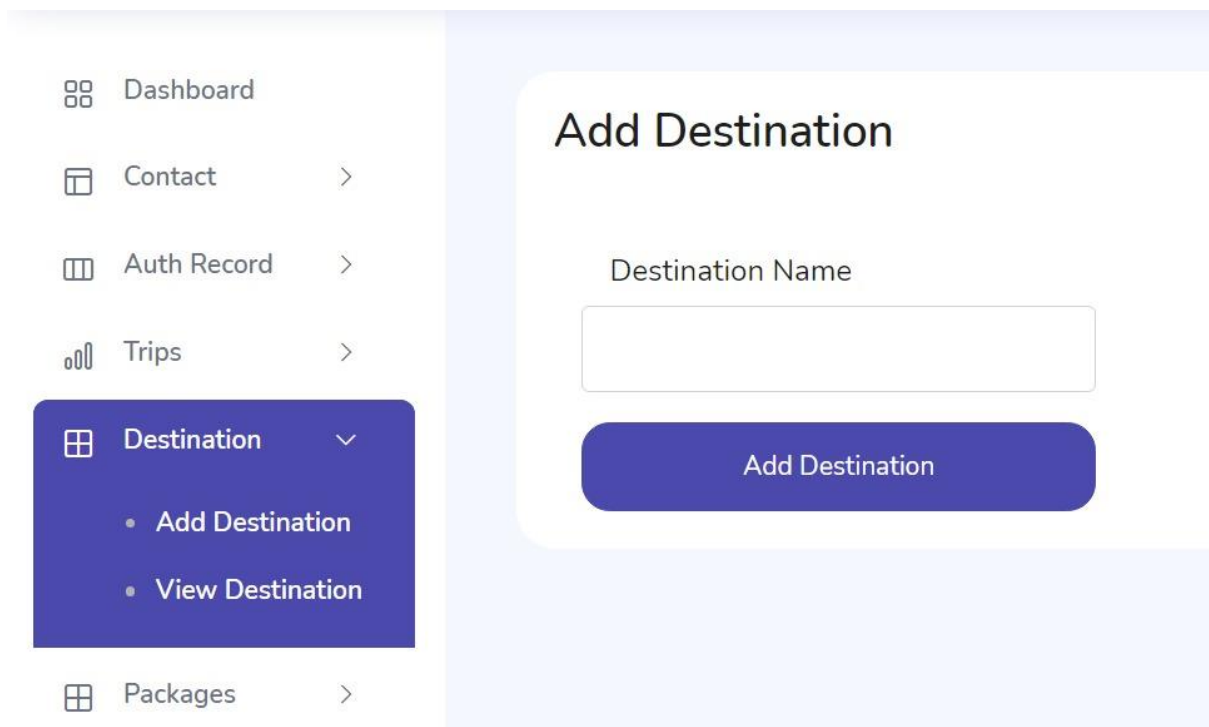
## Our Upcoming Trips

Trip Name	Start Date	End Date	Destination	Budget
Tour In Pakistan	2024-09-24	2024-09-26	Islamabad	10000
Tour In Pakistan	2024-10-01	2024-10-02	lahore	9000
Tour In Pakistan	2024-10-03	2024-10-04	multan	12000



## Admin Destination Page:

This is admin destination page where user can add destination and also view them . these destination are directly going to trips fields.



The screenshot displays the Admin Destination Page. On the left is a sidebar menu with the following items: Dashboard, Contact, Auth Record, Trips, Destination (highlighted with a dropdown arrow), and Packages. The 'Destination' dropdown menu is open, showing two options: 'Add Destination' and 'View Destination'. The main content area on the right is titled 'Add Destination' and contains a form with a 'Destination Name' label, a text input field, and a blue 'Add Destination' button.



## Admin Packages page:

This admin packages page in this page add packages for user and also can view them and these packages are going to home page directly.



Dashboard



Contact



Auth Record



Trips



Destination



Packages



• Add Packages

• View Packages



Our Guide



Services



Activities



## Add Packages

Select  
Image

Choose File

Package  
Location

Package  
Days

Package  
Persons

Contact

Auth Record

Trips

Destination

Packages

• Add Packages

• View Packages

Our Guide

Services

Activities

Expenses

Packages

## Awesome Packages



Multan

3 days

3 Person

30000

best service

Delete



Islamabad

4 days

5 Person

65000

nice package

Delete



Sialkot

3 days

2 Person

25000

nice

Delete



## PACKAGES

### Awesome Packages



📍 Multan 📅 3 days 👤 3 Person

30000



📍 Islamabad 📅 4 days 👤 5 Person



📍 Sialkot 📅 3 days 👤 2 Person



## Admin Guide Page:

In This guide page admin can add tour guides in this website and also can view them from admin panel and user can also see these guides on homepage.

Dashboard

Contact

Auth Record

Trips

Destination

Packages

Our Guide

Add Guide

View Guide

Services

## Add Our Guides

Select  
Profile

Choose File

Guide Name

Designation

Add  
Guide

Dashboard

Contact

Auth Record

Trips

Destination

Packages

Our Guide

Add Guide

View Guide

Services

Travel Guide

## Meet Our Guide



Furqan Ali  
hi how are you

Delete



Ilyas  
hi how are you

Delete



zufi khan  
hi how are you

Delete



Radia Ali  
hi how are you

Delete



## TRAVEL GUIDE

### Meet Our Guide



**Furqan Ali**  
hi how are you



**Ilyas**  
hi how are you



**zufi khan**  
hi how are you



**Radia Ali**  
hi how are you



## Admin Service Page:

In this admin service page , Admin can add their services and also have access to view them and these , services are also shown to users on home page and service page.

Dashboard

Contact >

Auth Record >

Trips >

Destination >

Packages >

Our Guide >

Services >

+ Add service

+ View service

Activities >

Expenses >

Add Services

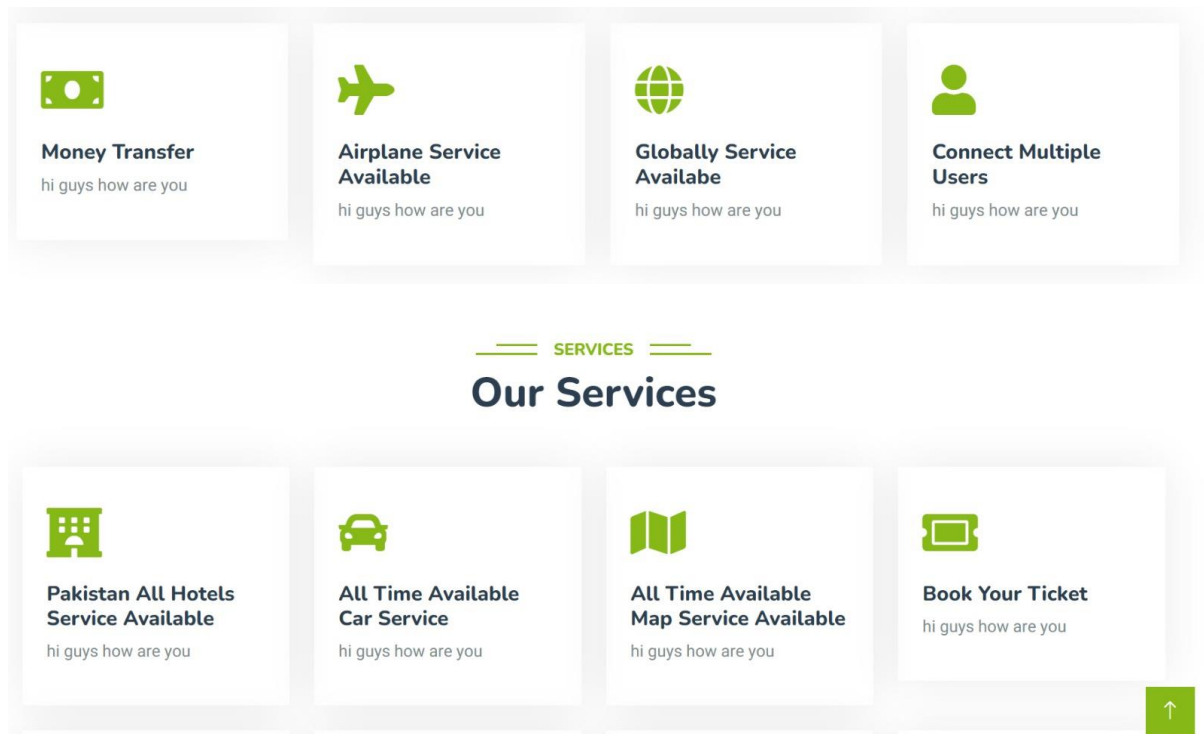
Choose Icon

Choose icon

Service Name

Service Description

Add Guide



Admin Activities page:

Admin can add Recent activities and also have access to view and edit them and these recent activities are showing to users in home page,

Dashboard

Contact >

Auth Record >

Trips >

Destination >

Packages >

Our Guide >

Services >

Activities >

Add Recent Activities

View Recent Activities

Expenses >

Add Activity

Activity Name

Start Date

End Date

Location

Expense Category

Choose >

Amount

Dashboard

Contact >

Auth Record >

Trips >

Destination >

Packages >

Our Guide >

Services >

Activities >

Add Recent Activities

View Recent Activities

Start Date	End Date	Location	Expense Category	Amount	Payment Method	Notes	Action
2024-09-21	2024-09-22	Peshawar	Air travel	15000	Cash	good service	Delete
2024-09-22	2024-09-23	Multan	Air travel	15000	Bank Transfer	exellent	Delete
2024-09-23	2024-09-23	lahore	Entertainment	15000	Credit Card	exellent	Delete

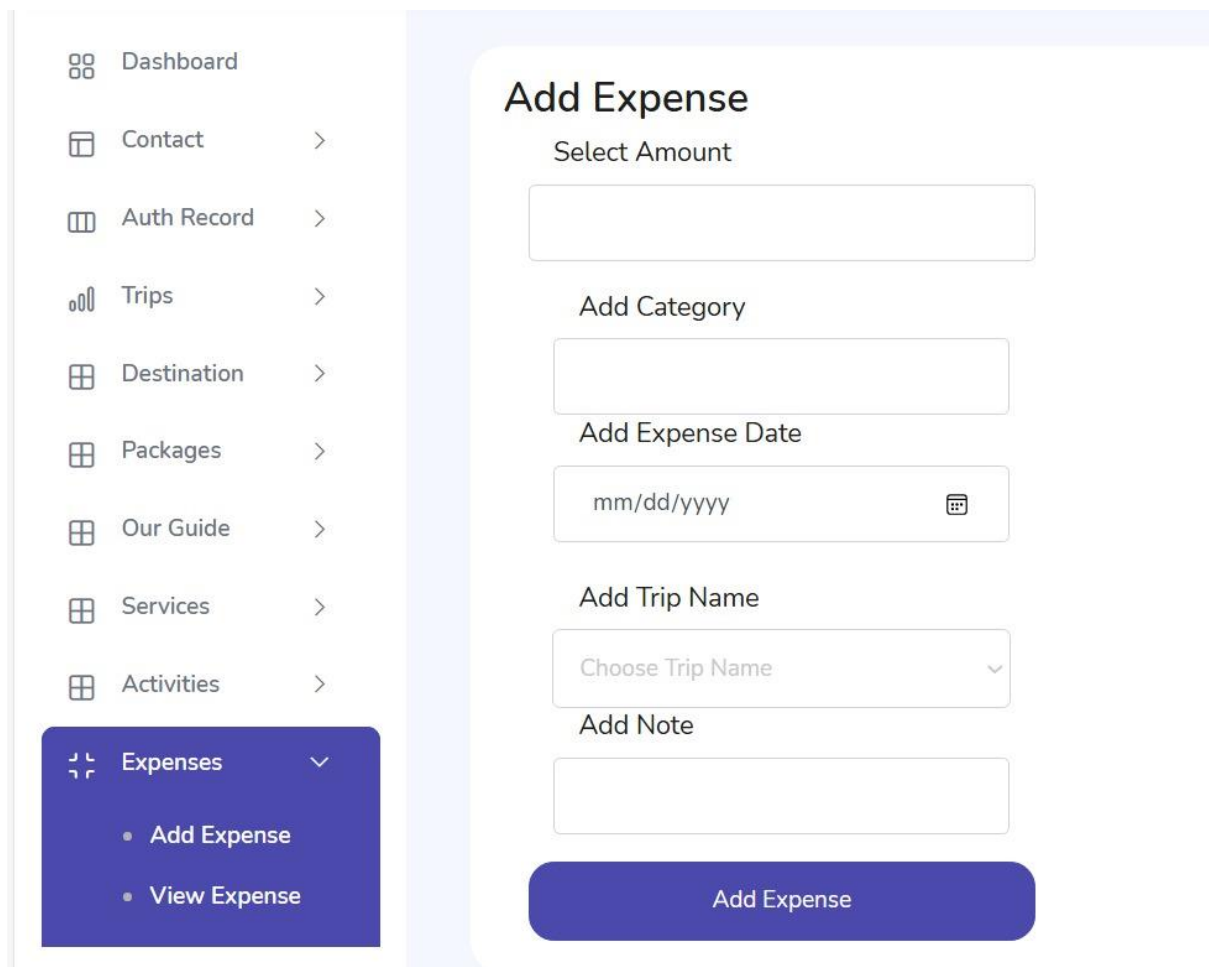
## Our Recent Activities

Activity Name	Start Date	End Date	Location	Expense Category	Amount	Payment Method	Notes
Tour	2024-09-21	2024-09-22	Peshawar	Air travel	15000	Cash	good service
Tour	2024-09-22	2024-09-23	Multan	Air travel	15000	Bank Transfer	exellent
Tour	2024-09-23	2024-09-23	lahore	Entertainment	15000	Credit Card	exellent



## Admin Expenses page:

In Admin expense page admin can add expenses and also have access to view them and edit them.



The screenshot displays the 'Admin Expenses' page. On the left is a sidebar menu with the following items: Dashboard, Contact, Auth Record, Trips, Destination, Packages, Our Guide, Services, Activities, and Expenses. The 'Expenses' item is highlighted in blue and expanded, showing sub-options: 'Add Expense' and 'View Expense'. The main content area is titled 'Add Expense' and contains the following form fields: 'Select Amount' (a text input field), 'Add Category' (a text input field), 'Add Expense Date' (a date picker showing 'mm/dd/yyyy'), 'Add Trip Name' (a dropdown menu with 'Choose Trip Name' selected), and 'Add Note' (a text input field). At the bottom of the form is a blue button labeled 'Add Expense'.

Dashboard

Contact >

Auth Record >

Trips >

Destination >

Packages >

Our Guide >

Services >

Activities >

Expenses ▾

- Add Expense
- View Expense

### Add Expense

Select Amount

Add Category

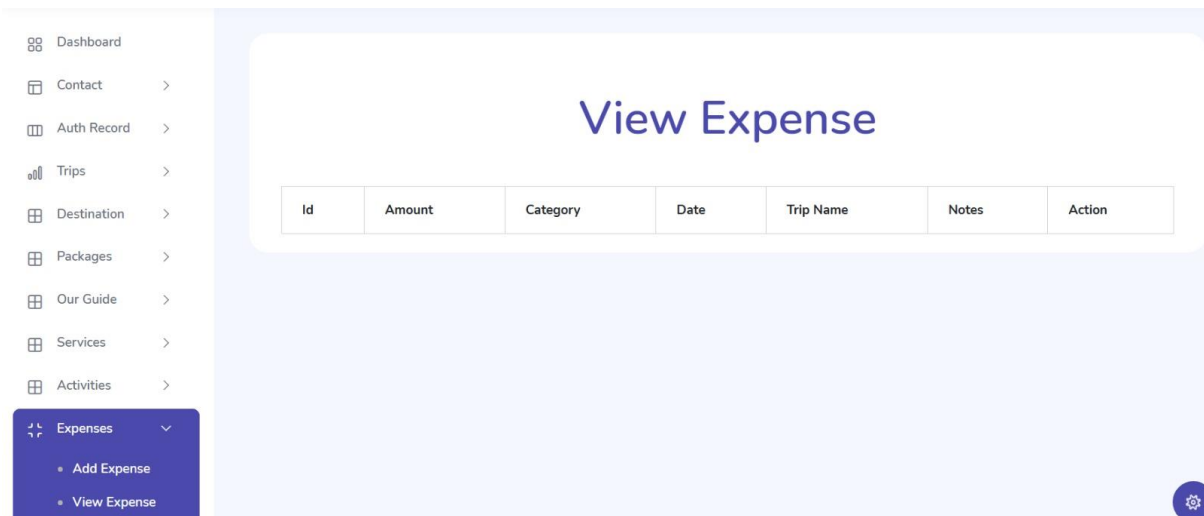
Add Expense Date

Add Trip Name

Choose Trip Name ▾

Add Note

Add Expense



**Admin Categories page:**

**Admin have access to add categories and view them and also edit them**



# Database Design:

