

# Travel Explorer project

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## Project Description :

- Traveling is a part of human life where we just want to relax and spend time with our closed ones or do solo trips in nature and relax our mind. In the past couple of years, a lot of things have changed so this website is going to be an easy platform for users to explore places.
- We are going to build a website for a travel booking system in which we are going to recommend the user some trips and packages for their desired location. Also going to add hotel and car rentals for the travel as well as create their own package if the user wants to.

### Targeted audience and objective:

Our main target is youth, as the website is more browsed by them. And the objective is to give everything in one package like starting from traveling to hotel stay everything in one place which is easy for the user to access.

### List of features:

- 1) Login
- 2) Sign-up
- 3) Search based on Location
- 4) Search based on filters
- 5) Create your own package
- 6) Testimonials
- 7) Gallery
- 8) Contact Form
- 9) Admin Page

The libraires and languages used in the project is;

- Bootstrap
- HTML
- JAVASCRIPT
- DATABASE AND SQL
- jQuery
- PHP

## Tier 1,2,3 description

### Tier 1:

For tier 1, we will be designing our website's login, sign up page, contact info, gallery and start building our database for the search feature. General creation of creating a package with the help of checkboxes and giving filters to the user. Also creating testimonial page.

### Tier 2:

For tier 2, we will move to the database, connect with the database ,start creating query-based search, filtering from the database and showing output to the user.

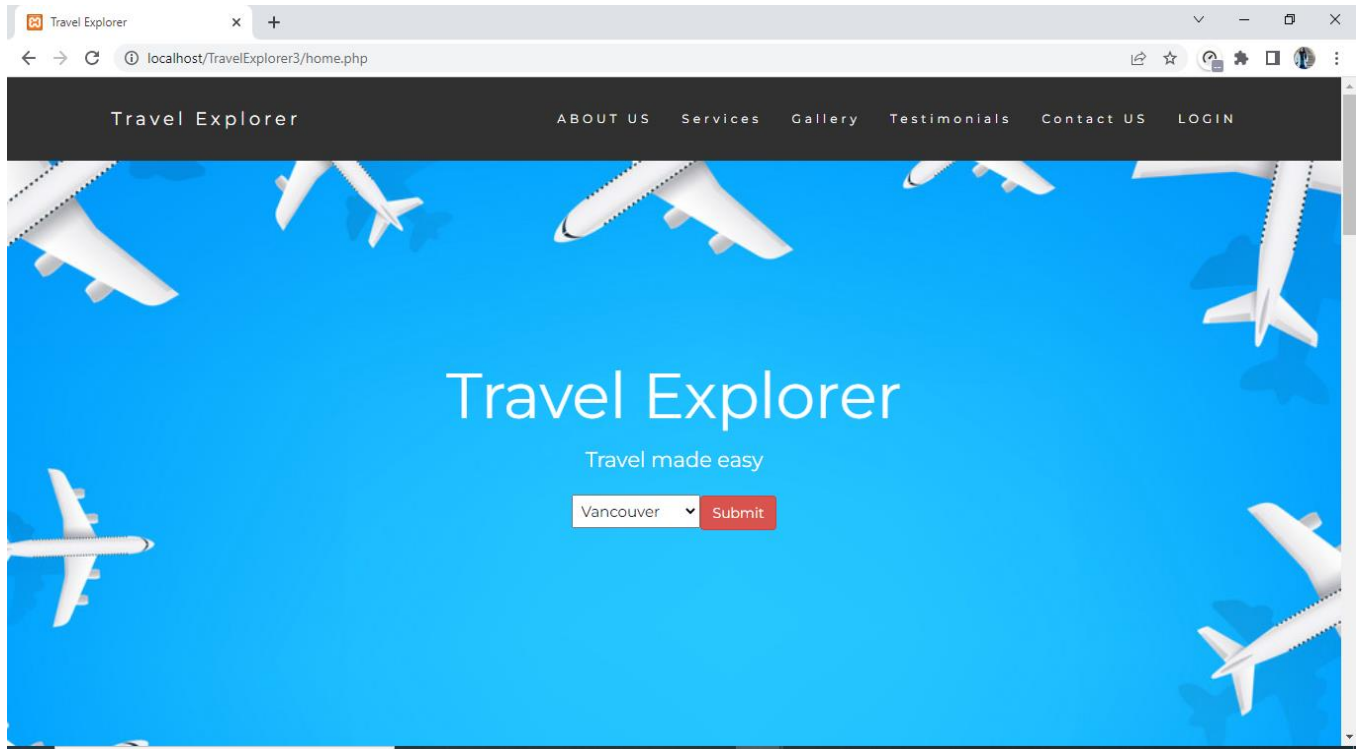
### Tier 3:

For tier 3, we are going to implement the recommendation system with the help of machine learning.

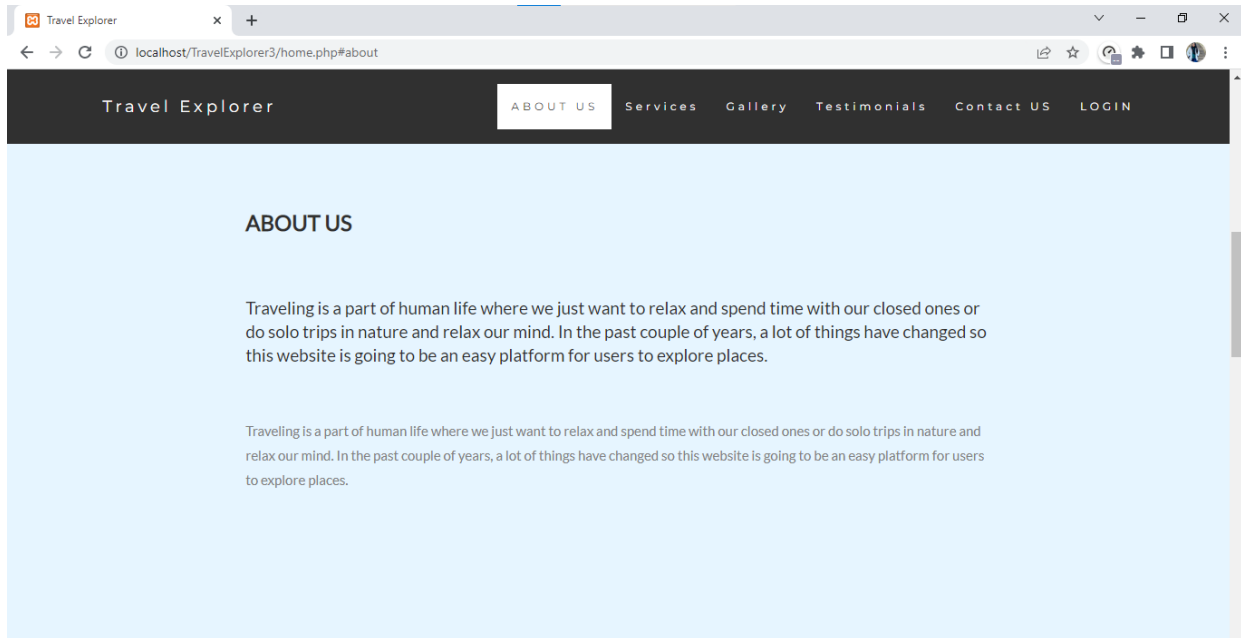
## Project Implementation:

**Home Page:** This is the home page of our website which contains all the options for user in header section such as about us, services, Gallery , Testimonials, Contact Us and Login Page.

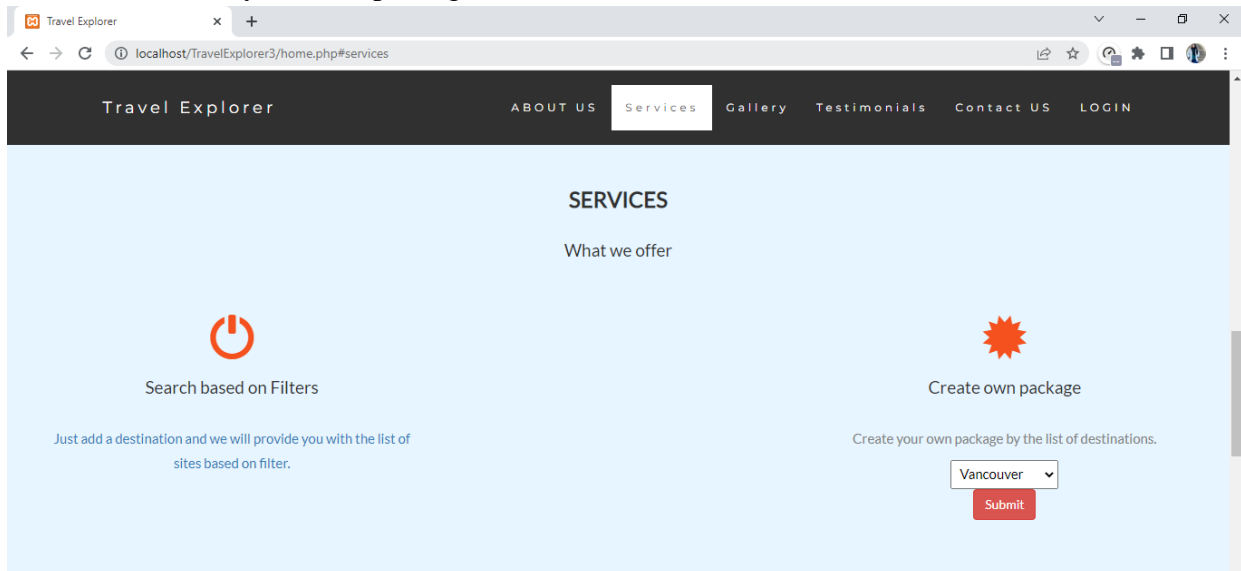
This Page can be redirected from any pages and when user clicks on logo it will send user to home page from current page.



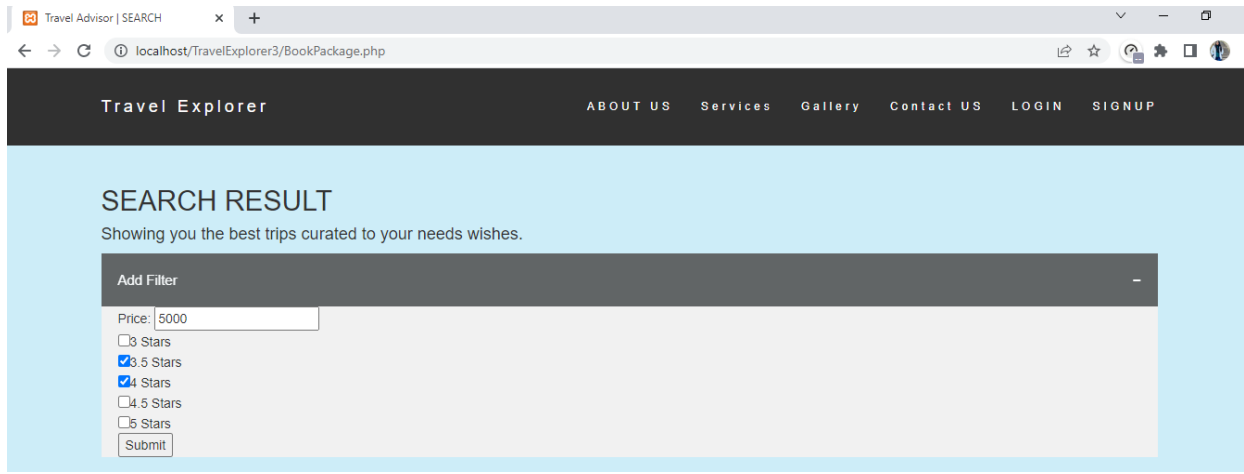
## About Us Page:



## Services Page: Inside services we provide two types of services to user : Search based on Filters and Create your own package.



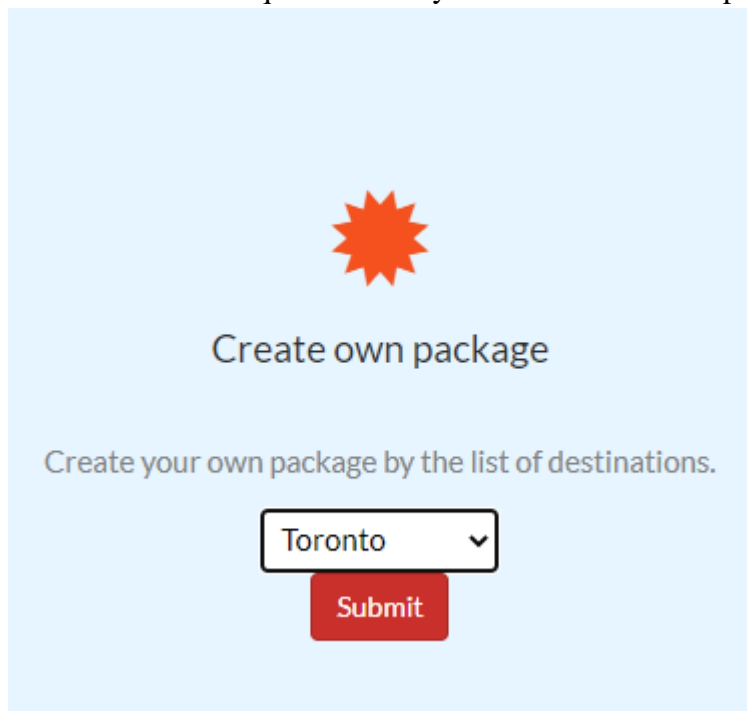
**Search based on filters:** In this service based on price and rating selected by user it will display location information available based on the filter with detail description.



The screenshot shows a web browser window with the URL `localhost/TravelExplorer3/BookPackage.php`. The page has a dark header with the site name "Travel Explorer" and navigation links: "ABOUT US", "Services", "Gallery", "Contact US", "LOGIN", and "SIGNUP". The main content area has a light blue background and is titled "SEARCH RESULT" with the subtitle "Showing you the best trips curated to your needs wishes." Below this is a dark grey "Add Filter" button. A filter panel is open, showing a "Price" input field with "5000" and a list of star ratings: "3 Stars", "3.5 Stars" (checked), "4 Stars" (checked), "4.5 Stars", and "5 Stars". A "Submit" button is at the bottom of the filter panel.

**Create own Package:** In this service first user need to select which city they want to visit based on the city they selected, user will get multiple options for sub destination and hotel accommodations.

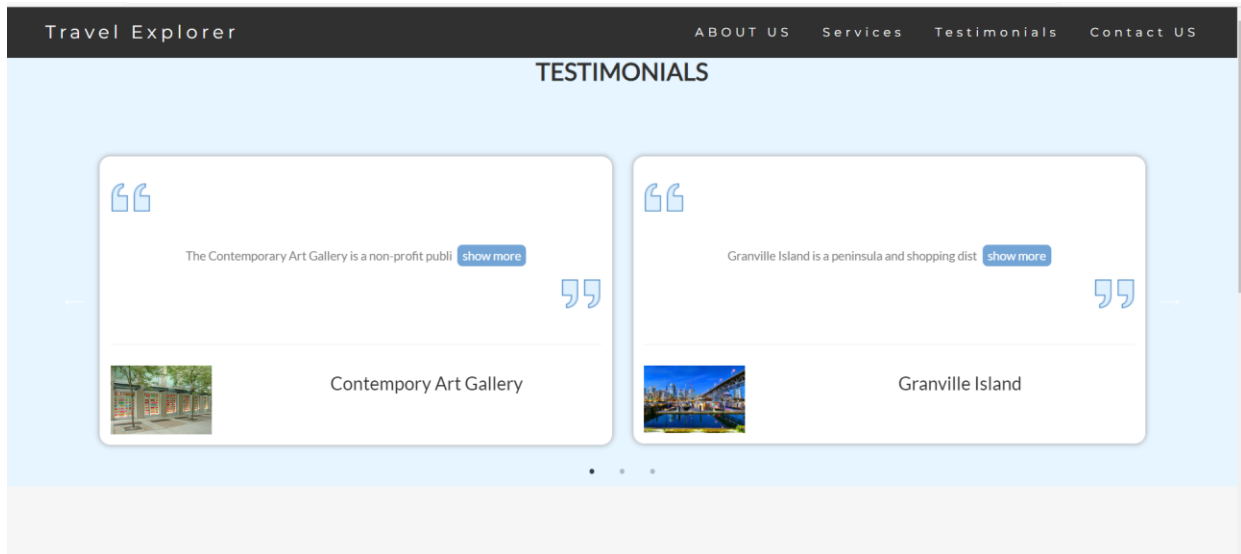
So based on user requirement they can create their own package using these services.



The screenshot shows a light blue background with a large orange star icon at the top. Below the icon is the text "Create own package" and "Create your own package by the list of destinations." At the bottom is a form with a dropdown menu showing "Toronto" and a red "Submit" button.

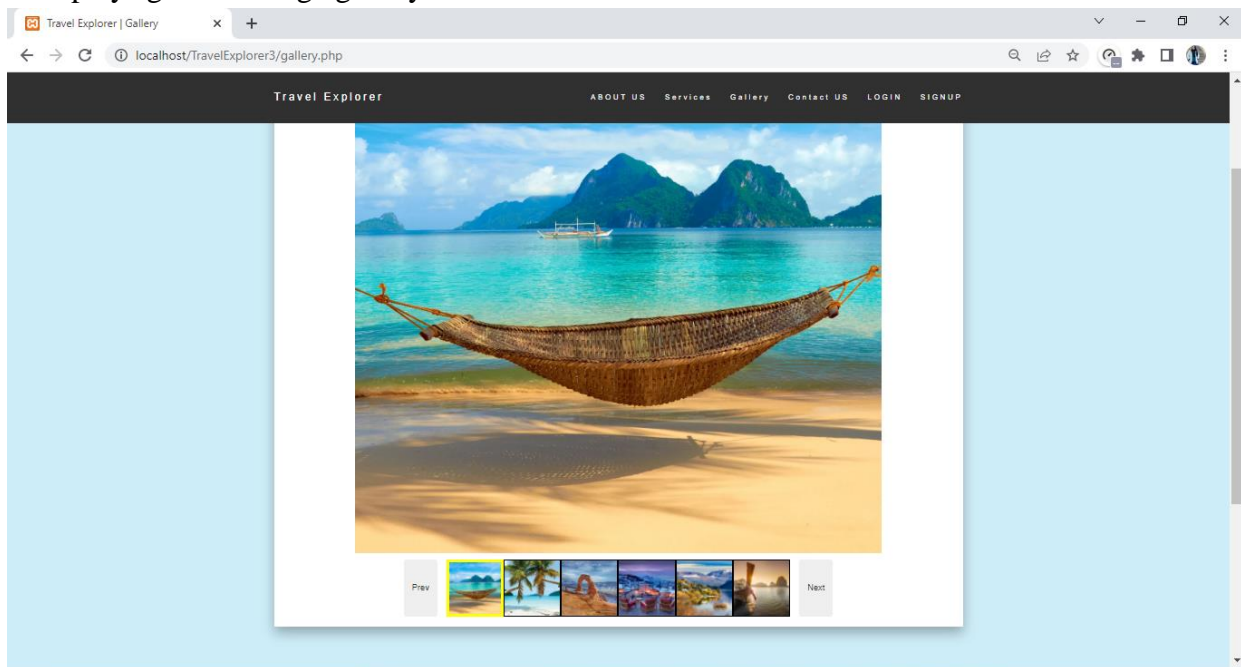


**Testimonials Page:** - a screen where users who became customers and have done a trip share their review and the best reviews are chosen and featured on the front page

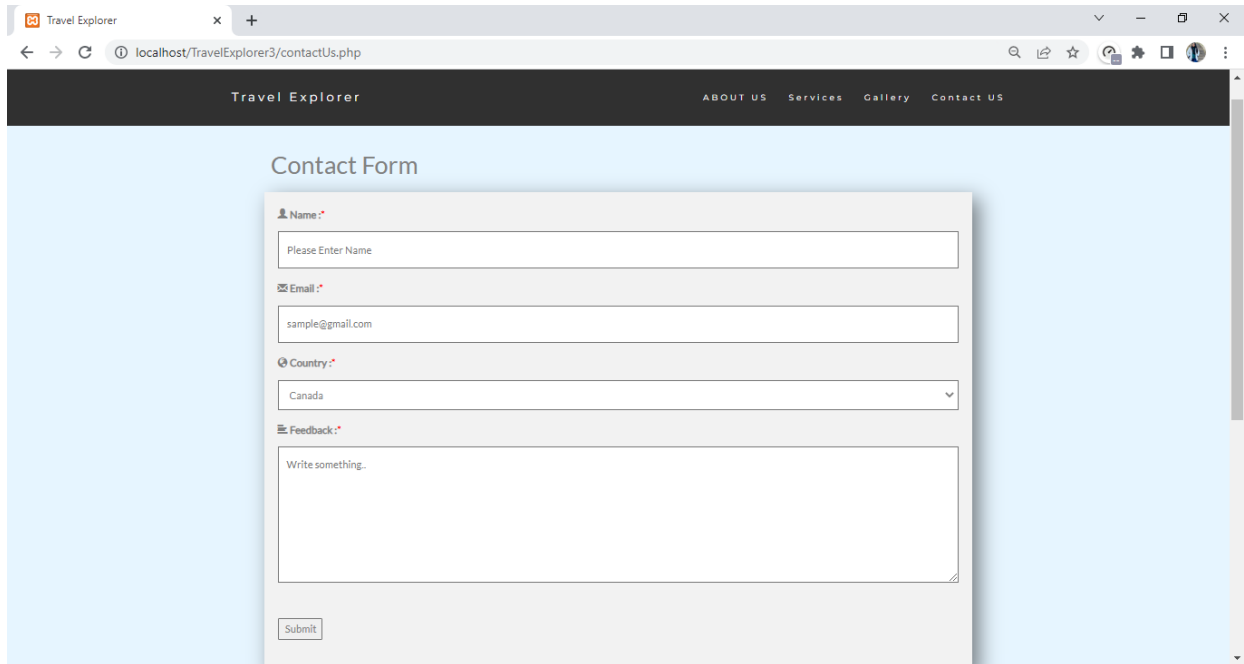


### Gallery Page:

It displays general image gallery for travel destinations.



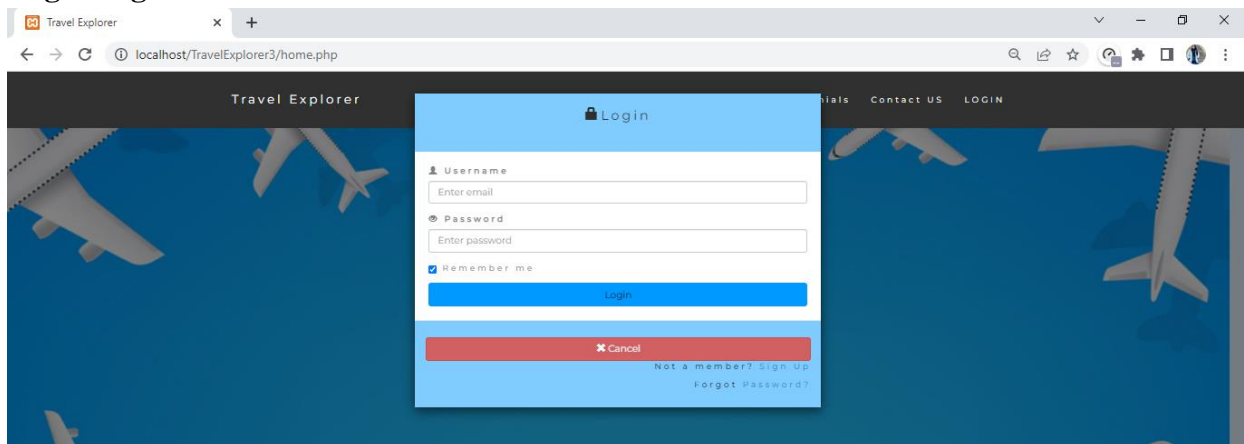
**Contact Us:** for any query or concern user can contact us using the Contact Form.



The screenshot shows a web browser window with the title "Travel Explorer". The address bar displays "localhost/TravelExplorer3/contactUs.php". The page features a dark navigation bar with links: "ABOUT US", "Services", "Gallery", and "Contact US". The main content area has a light blue background and is titled "Contact Form". The form itself is a light gray box with the following fields:

- Name:** A text input field with the placeholder "Please Enter Name".
- Email:** A text input field with the placeholder "sample@gmail.com".
- Country:** A dropdown menu currently showing "Canada".
- Feedback:** A large text area with the placeholder "Write something..".
- Submit:** A button at the bottom left of the form.

## Login Page

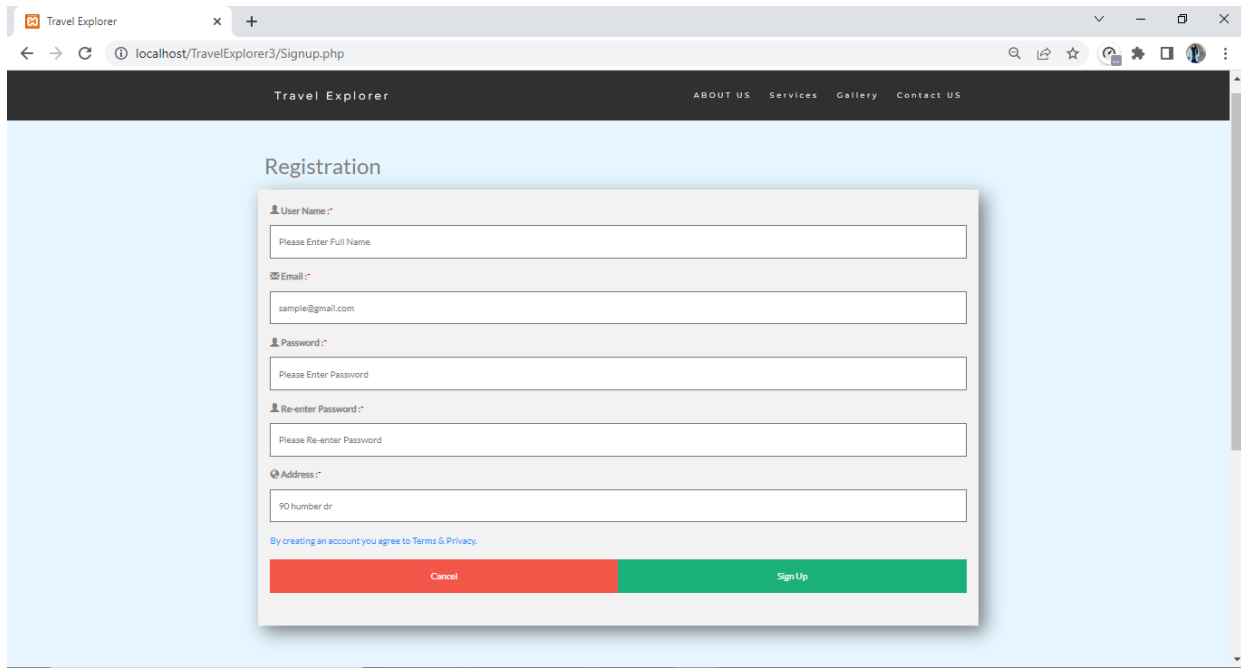


The screenshot shows a web browser window with the title "Travel Explorer". The address bar displays "localhost/TravelExplorer3/home.php". The page features a dark navigation bar with links: "Home", "About Us", "Contact US", and "LOGIN". The background of the page is a dark blue image of several airplanes flying. A light blue modal box titled "Login" is centered on the page. The modal contains the following elements:

- Username:** A text input field with the placeholder "Enter email".
- Password:** A text input field with the placeholder "Enter password".
- Remember me:** A checked checkbox.
- Login:** A blue button.
- Cancel:** A red button.
- Not a member? Sign Up:** A link.
- Forgot Password?** A link.

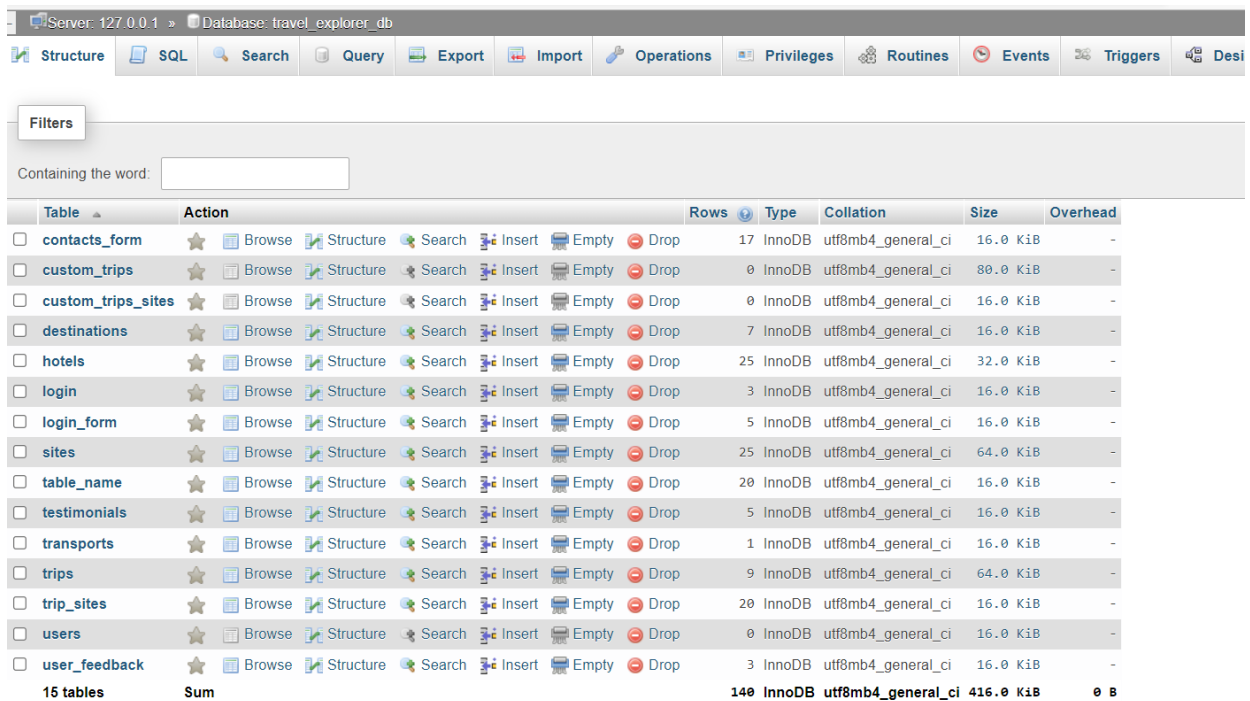
## Signup Page:

Using this page use can create a new account if they are not register by providing general information.



The screenshot shows a web browser window with the URL `localhost/TravelExplorer3/Signup.php`. The page has a dark header with the site name "Travel Explorer" and navigation links: "ABOUT US", "Services", "Gallery", and "Contact US". The main content area is light blue and features a "Registration" form. The form includes fields for "User Name", "Email", "Password", "Re-enter Password", and "Address". Below the form, there is a blue link that says "By creating an account you agree to Terms & Privacy." and two buttons: a red "Cancel" button and a green "Sign Up" button.

## Connect to database :



The screenshot shows the phpMyAdmin interface for a database named "travel\_explorer\_db". The top navigation bar includes tabs for "Structure", "SQL", "Search", "Query", "Export", "Import", "Operations", "Privileges", "Routines", "Events", "Triggers", and "Desi". Below the navigation bar, there is a "Filters" section with a search box. The main table lists 15 tables in the database, each with a star icon, a "Browse" button, and a "Structure" button. The table columns are "Table", "Action", "Rows", "Type", "Collation", "Size", and "Overhead".

Table	Action	Rows	Type	Collation	Size	Overhead
contacts_form	Browse Structure Search Insert Empty Drop	17	InnoDB	utf8mb4_general_ci	16.0 KiB	-
custom_trips	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	80.0 KiB	-
custom_trips_sites	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
destinations	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_general_ci	16.0 KiB	-
hotels	Browse Structure Search Insert Empty Drop	25	InnoDB	utf8mb4_general_ci	32.0 KiB	-
login	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
login_form	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
sites	Browse Structure Search Insert Empty Drop	25	InnoDB	utf8mb4_general_ci	64.0 KiB	-
table_name	Browse Structure Search Insert Empty Drop	20	InnoDB	utf8mb4_general_ci	16.0 KiB	-
testimonials	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
transports	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
trips	Browse Structure Search Insert Empty Drop	9	InnoDB	utf8mb4_general_ci	64.0 KiB	-
trip_sites	Browse Structure Search Insert Empty Drop	20	InnoDB	utf8mb4_general_ci	16.0 KiB	-
users	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
user_feedback	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
15 tables	Sum	140	InnoDB	utf8mb4_general_ci	416.0 KiB	0 B