Graduation Project Proposal Form

1. Project Information

- **Project Title:** *Trip Mate*
- **Course/Track:** *PHP Web Development*
- **Team Members:**

    1. Fares Ghandour Mohamed Ghandour
    2. Amr Ramadan Eloraby Youssef
    3. Nahla Mohamed Mahmoud Mohamed
    4. Mohamed Essam Aref Mahmoud
    5. Mohamed Mahmoud Abdelshakor Ahmed

• Project Overview

The objective of this project is to develop an online trip booking website that allows users to easily search for and book trips posted by the admin. The platform will include a dashboard for the admin to manage trips, view user reservations, handle contact messages, and update the about page with information about the guides. The site will also include a subscription feature to track subscribers and show their count in the navigation bar.

• Problem Statement

Existing trip booking platforms can be complicated or overloaded with unnecessary features, making it difficult for users to book trips and for admins to manage bookings. Additionally, users often don't have direct contact with admins, which can lead to delays in communication. This project seeks to address these challenges by providing a straightforward, user-friendly platform where the admin can efficiently manage trips and user inquiries.

4. Project Objectives

For Users:

- To provide a simple, efficient platform for users to search for and book trips.
- To allow users to contact the admin directly through a contact form.
- To display guides' information clearly on the about page.
- To provide a subscription feature where users can subscribe to updates via email.

- To track the number of subscribers and display the count in the navigation bar.
- To cancel the trip with mention the reason .

For Admin:

- To provide the admin with a dashboard for adding, editing, and managing trips.
- To allow the admin to view user reservations, including the user's name, destination, and booking date.
- To enable the admin to manage and respond to contact messages.
- To allow the admin to update the about page with guides' information.

5. Scope of Work

Admin Side:

- **Trip Management:** The admin will have the ability to add new trips, update trip details, and delete trips. The admin will also be able to see reservations made by users, including the user's name, the destination they booked, and the date of the booking.
- **Contact Management:** The admin will receive and manage contact messages sent by users. The contact form will include the user's name, email, subject, and message**.**
- **About Page Management:** The admin will update the information on the about page, including details about the guides who contribute to the website.

User Side:
- **Homepage and Search:** The homepage will include a search bar where users can search for specific trips. There will also be a section displaying some destinations, with pagination allowing users to explore more destinations on the dedicated destinations page.
- **About Page:** Users can view detailed information about the guides behind the website in the about section.
- **Trip Booking:** Users can book trips from the list posted by the admin. The booking process is straightforward, requiring only necessary information for the reservation.
- **Contact Form:** Users can submit inquiries through the contact page, providing their name, email, subject, and message. This information will be sent directly to the admin for review.
- **Subscriber Form:** The footer of the website will include a subscription form where users can submit their email to receive updates. The subscriber count will be displayed in the navigation bar.
- **Subscriber Count:** This will let the user see the total number of email subscribers, which will be displayed in the navigation bar.

6. Technology Stack
- *Frontend:* HTML, CSS, JavaScript for building a responsive and interactive user interface.
- *Backend:* PHP (Laravel) for handling trip management, contact forms, and user reservations.
- *Database:* MySQL for storing trip data, user information, reservations, and contact messages.
- *Version Control:* Git for version control and collaborative development.

6. Project Timeline
Phase 1 (Week 1-2): Requirements gathering and UI/UX design, focusing on the overall layout and user flow.
Phase 2 (Week 3-4): Frontend development, including the design of the homepage, trip search, about page, and contact form.
Phase 3 (Week 5-6): Backend development and database setup to handle trip management, user reservations, and contact messages.
Phase 4 (Week 7): Admin dashboard development for managing trips, reservations, contact messages, and the about page.
Phase 5 (Week 8): Testing and debugging to ensure the site functions correctly across various devices and browsers.
Phase 6 (Week 9): Deployment and final review, launching the website and ensuring all systems are running smoothly.

7. Target Audience
The platform will serve two primary audiences:

- **Users/Travelers:** Individuals looking to book trips through the website, who need a simple and easy-to-use booking system.
- **Admins/Business Owners:** Admins who need to manage trip listings, view user reservations, and respond to user inquiries efficiently.

8. Key Features
- **Search and Pagination:** Users can search for trips through the homepage and view destinations with pagination on the destination page.
- **Trip Booking:** Users can book trips posted by the admin, with a simple and user-friendly booking process.
- **Contact Form:** Users can contact the admin by submitting their details (name, email, subject, and message) through a form, with all inquiries sent to the admin dashboard.
- **About Page:** A dedicated about page where users can learn more about the guides and the website creators.
- **Admin Dashboard:** Admins can manage trips, view user reservations, and respond to user messages from the dashboard.
- **Subscriber Form:** Users can subscribe to the website via an email form, with the total number of subscribers displayed in the navigation bar.

9. Conclusion
This online trip booking website aims to provide a streamlined experience for both users and the admin. Users will be able to quickly search for and book trips, while the admin will have full control over trip management and contact inquiries. With a clear focus on simplicity and ease of use, this platform will cater to both travelers and admins looking for an efficient and user-friendly solution.

5. Approval
Instructor/Advisor: Mohamed Elhabashy