

Title: Digital Tourist Management System Project Plan

****Week 1: Project Setup and Initial Development** (21 – 27 August, 2023)**

1. **Backend Setup: **

- Install and configure Laravel framework.
- Set up the database and define initial schema.

3. **User Authentication and Access Control: **

- Implement user registration, login, email confirmation and password reset functionalities.
- Set up roles and permissions access controls (admin, tourist, etc.).
- Create user management dashboard UI for administrators.

4. **Database Seeders: **

- Create seeders to populate the database with initial data for testing.
- Seed sample tourist destinations, accommodations, etc.

****Week 2: Core Functionality Development** (28 – 3 September, 2023)**

1. **Tourist Destination Management: **

- Implement CRUD operations for tourist destinations.
- Add image upload functionality for destinations.
- Design and develop destination listing and details pages.

2. **Accommodation Management (Third Party Service Providers): **

- Create a module for managing accommodations.
- Implement features for adding, editing, and deleting accommodations.
- Develop accommodation search and filtering functionality.

3. **Booking System:**

- Develop the core booking system logic.
- Allow tourists to select destinations and accommodations for booking.
- Implement availability checking and date selection.

Week 3: User Experience and Refinement (User Web Portal) (4 – 10 September, 2023)

1. **Frontend Development:**

- Design and develop the web portal's user interface using Laravel's and Livewire Blade templates.
- Implement responsive design for various screen sizes.
- Add user-friendly forms for booking and interaction.

2. **Payment Integration:**

- Integrate a payment gateway (MoMo Payments) for processing bookings.
- Implement payment handling for successful and failed transactions.

3. **User Profiles and Dashboard:**

- Allow tourists to view and edit their profiles.
- Develop a user dashboard to track bookings and history.

Week 4: Testing, Finalization, and Deployment (11 to 17 September, 2023)

1. **Quality Assurance:**

- Perform thorough testing of the entire system.
- Identify and fix any bugs, glitches, or usability issues.

2. **Documentation:**

- Document the codebase, including functions, classes, and key modules.
- Create user guides for both administrators and tourists.

3. **Deployment:**

- Set up the production server environment.
- Deploy the system to a web hosting service.

4. **Final Review and Handover:**

- Conduct a final review of the system's functionality and performance.
- Prepare for the handover of the system to BGS.

Please note that this breakdown is just a general guideline, and the actual tasks and timeline might vary based on team's review and the complexity functionalities which might be added to the backend system logic.