

**COURSE: Web Applications & Internet**

**CODE: CSE309**

**Presented to Sanzar Adnan Alam, lecturer, Independent University Bangladesh.**

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**Table of Contents**

**SECTION 1 - Introduction**

* Project Objective
* Initial Development
* Proposed Website Structure

**SECTION 2 - Functionality**

* Functional Requirements
* NON-functional Requirements

**SECTION 3 - Website Structure**

* Proposed Website Structure (Front-End)
* Propose Website Structure (Back-End)

**SECTION 4 - Conclusion**

**SECTION 1 – INTRODUCTION**

**Project Objective**

The objective of this project is to develop a travel and tourism booking website that will allow users to search and book packages for travelling to destinations. The package includes hotels, flights. The users will be able to add or remove extra addons such as rental car, good and travel guide. The website will be built using HTML, CSS, and JavaScript for the front-end and PHP for the back-end, with a MySQL database to store user information and bookings.

**Project Goal**

The goal of this project is to create a user-friendly and responsive website that will provide a seamless booking experience for users. The website will have a simple and intuitive interface that will allow users to easily search for travelling packages and book for hotels, flights. The website will also be optimized for speed and security, ensuring that users' personal and payment information is kept safe.

**SECTION 2 – FUNCTIONALITY**

**Functional Requirements**

The following are the functional requirements for the travel and tourism booking website:

* Users should be able to search for and book packages which include hotels, flights, and
* Users should be able to filter search results by location, price, rating, and other criteria.
* Users should be able to view details about hotels, flights, including photos, amenities, and reviews.
* Users should be able to view and manage their bookings, including cancelling or modifying bookings.
* The website should have a payment gateway that allows users to make secure online payments.

**Non-functional Requirements**

The following are the non-functional requirements for the travel and tourism booking website:

* The website should be responsive and optimized for different devices, including desktops, tablets, and smartphones.
* The website should be fast and have minimal page load times.
* The website should be secure and protect users' personal and payment information.
* The website should be easy to use and have a simple and intuitive interface.

**SECTION 3 – WEBSITE STRUCTURE**

**Proposed Website Structure (FRONT-END)**

Using HTML/CSS/JavaScript The front-end of the website will consist of the following pages:

* Home Page: This page will have a search bar and links to the different categories of bookings, including hotels, flights.
* About Page: This page will have the all details about the mission of the website and contact.
* Packages Page: This page will display all of the packages available for booking for the customers.
* Booking Page: This page will display a summary of the user's booking and allow them to enter their personal and payment information.
* Contact Page: This page will display a contact form for users to send feedback or reports bug
* Admin Page: Admin page will allow admin to log in and see statistics and dataset/tables of the customers.

**Proposed Website Structure (BACK-END)**

For Back-End Using PHP and Database MySQL the back-end of the website will consist of the following components:

* User Registration and Login System: This system will allow users to create accounts and login to the website. User information will be stored in a MySQL database.
* Booking Management System: This system will allow users to view and manage their bookings, including cancelling or modifying bookings. Booking information will be stored in a MySQL database.
* Payment Gateway Integration: This system will integrate a payment gateway into the website, allowing users to make secure online payments. Payment information will be securely transmitted and stored using encryption.

**CONCLUSION**

In conclusion, this project aims to create a user-friendly and secure travel and tourism booking website that provides a seamless booking experience for users. By using HTML, CSS, JavaScript, PHP, and MySQL.