

# Travel and Tourism Management System



Tourism is a massive industry that has increased during the last 50 years as the human race has become more interested in traveling because of technological advancement. The Bangladeshi tourism industry is a little bit underdeveloped compared to other countries, while it has excellent potential to expand. Most travel agencies in Bangladesh focus on intercountry tours rather than intra-country tours. Few social-media-based agencies work on Intra country tourism, but their service isn't broad nor technologically advanced. Building a platform that will connect the hotels, transportation, and restaurants with the customer would be an enormous example in the tourism industry of Bangladesh. Also, there will be a section for sharing experiences as a blog. One of the essential factors of traveling is going to remote places. There will be a feature for hiring experienced tour guides. A person would be able to plan his whole tour by himself with his own choice. Customers won't have to adapt to any preset plan. If someone wants a complete package tour, there will also be preset packages.

## Web Application Features and Description

The website will first display the home page, where travel blogs for both registered and unregistered users will be available. Anyone can see every available blog there. After reading those blogs, users can register on our website if they desire to travel anywhere. The registration menu will appear in the upper left corner of the homepage. Once they complete the registration process, they will have access to the following options:

- Searching option for packages in the desired location.
- The packages button with a specific blog will enable users to view all the available packages for that location.
- The custom trip plan button will enable users to customize their trip, including hotel choices, transportation choices, etc.
- The message button will enable both users and administrators to converse with each other.
- The tour guide button will enable users to hire a tour guide. A tour guide is utterly mandatory for visiting dangerous or chaotic locations.
- After finishing a tour, users can evaluate the package and leave a comment about their experiences in the review section.
- The payment and refund policy button will enable users to see detailed information about payment options, payment procedures, refund policy, etc.
- The FAQ button will enable users to get their frequently asked questions answered.
- Login with admin accounts will enable the admin panel to see the administration view level and to control all over the system.
- The order info button will enable the admin panel to see the total number of orders placed by the user and order details.
- The feedback button will enable the admin panel to see the reviews from the customer and to reply to them.

- The post, edit and delete button will enable the admin panel to upload, edit and delete blogs or packages.

And many more.

### **Tools and resources:**

- HTML
- CSS
- PHP
- JavaScript
- Bootstrap
- SQL

### **Challenges**

The most challenging aspect of this project will be security. There will be a lot of users' personal information and payment information. So how secure our system is is a burning question to get answered. On the other hand, we must thoroughly understand the needs of tourists and ensure that everyone receives adequate service. Making the website extremely user-friendly is also tricky because the market is new. Understanding traveler demand is difficult at the moment.

