

**Department of Computer Science and Engineering**

**SRS REPORT**

**Assignment No.: 01**

**Assignment on: Software Requirements Specification (SRS)**

**Submitted By :**

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**ID:221-15-5580**

**Section:61-U**

CSE236 | SOFTWARE PROJECT - 2

**Submitted to:** Md**.** Golam Rabbany

**Dept. of CSE, Daffodil International University**

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Niloy Sarker

Managing Director

Go Travel

Dhaka 1204

Subject: Application for agreement of Travel Management System Project.

Dear Mr sarker

I hope this letter finds you in good health and high spirits. I am writing to propose the development of a comprehensive Travel Management System that I believe will significantly enhance the efficiency and quality of your Travel planning services. I am the member of SoftTech company. I have identified the whole system of your Travel company and decided to create a unique Travel management system.

According to your business requirement we design GO TRAVEL Website and Web Application System for you, in this agreement paper we right each and every part and all possible feature which covered our application. So please read carefully and if it satisfies you then sign and confirm the agreement.

Sincerely

MMK Mahin

Head

Application development Brach

SoftTech

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# Software Requirements Specification (SRS)

## 1.Introduction

This document includes specifications and features of the software in detail. It helps understand the target audience and user classes accordingly and internal and external interface requirements.

### 1.1 Purpose

The Software Requirements Specification (SRS) outlines the goals, features, functionality, and constraints of the "Go Travel" project. This document serves as a guide for the development team, stakeholders, and project managers to ensure a clear understanding of the project's requirements.

### 1.2 Scope

"Go Travel" is a web-based travel planning and booking platform that aims to simplify the travel experience for users by providing access to destination information, trip planning tools, and the ability to book various travel services.

### 1.3 Definitions, Acronyms, and Abbreviations

SRS: Software Requirements Specification

UI: User Interface

API: Application Programming Interface

## 2. Project Goals

### 2.1 Primary Goals

* To provide users with a user-friendly platform for planning and booking trips.
* To offer comprehensive destination information and travel recommendations.
* To facilitate secure and convenient booking of flights, accommodations, and activities.
* To build a community where users can share travel experiences and reviews.

### 2.2 Secondary Goals

* To implement a responsive and aesthetically pleasing user interface.
* To support multiple languages and currencies.
* To integrate with external services for real-time pricing and availability.

## 3. Features

### 3.1 User Registration and Authentication

* User registration with email or social media accounts.
* User login and authentication mechanisms.
* Password reset functionality.

### 3.2 Trip Planning

* Create, edit, and save trip itineraries.
* Add and remove destinations and activities to itineraries.
* Calendar view for trip planning.

### 3.3 Destination Information

* Detailed information about destinations, including attractions, weather, and local tips.
* User-generated reviews and ratings for destinations.

### 3.4 Booking and Reservations

* Flight booking and reservation system.
* Hotel and accommodation booking.
* Activity and tour reservations.
* Payment processing and invoice generation.

### 3.5 User Profile Management

* User profile creation and editing.
* Profile picture upload.
* History of past trips and bookings.

### 3.6 Reviews and Recommendations

* User-generated reviews and ratings for accommodations, activities, and destinations.
* Personalized travel recommendations based on user preferences and history.

### 3.7 Notifications

Email and in-app notifications for booking confirmations, updates, and reminders.

### 3.8 Search and Filters

* Advanced search functionality for destinations, accommodations, and activities.
* Filters for price range, location, and user ratings.

## 4.Functionality

### 4.1 User Roles and Permissions

User roles: guest, registered user, admin.

Permissions based on roles.

### 4.2 User Interface

* Intuitive and responsive design for web and mobile platforms.
* Consistent navigation and layout.
* Interactive trip planning interface.

### 4.3 Database Management

* Database to store user data, trip itineraries, bookings, and reviews.
* Regular backups and data security measures.

### 4.4 Integration with External Services

* Integration with payment gateways for secure transactions.
* Integration with third-party APIs for real-time data (flights, accommodations, activities).

### 4.5 Security Measures

* Secure data transmission using HTTPS.
* Encryption of sensitive user data.
* User authentication and authorization.

### 4.6 Performance and Scalability

* Efficient coding practices for optimal performance.
* Scalability to accommodate a growing user base.

## 5. Milestone & Reporting

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|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone** | **Task** | **Reporting** | **Required Time** |
| Analyzing Project | Submit Idea & Design | Submit The Design | 3 Days |
| Requirements Collection | Gathering Data & submit |  | 5 Days |
| Development | Work with the project from the root | Review The Work | 21 Days |
| Testing | Testing the entire application system |  | 10 Days |
| Deployment | Fining and Review Final project | Review Final Work | 7 Days |
| Delivery Project | Available to Online platform | Live On Server | 5 Days |

## 6. Testing

Following features will be used for testing

* This Application will be tested with Agile model
* Application will be tested by PHPUnit.
* Application also tested By Codeception.

## 7. Payment Terms & condition

15% payment will be accepted for the Project proposal and design Submission.

45% payment will be accepted for the Application Development

70% payment will be accepted after application review and Testing

100% payment will be accepted after handover the fully completed Application

## 8. Responsibility

The entire Application has been done by MMK Mahin and all the responsibility including terms and condition will goes to him.

## 9. Contact Us

You can get in touch with us in any of the below ways:

Golam Rabbany

By Phone: +8801787774996

By Email

grabbany1234@gmail.com

## 10. Agreement Signed By:

|  |  |  |
| --- | --- | --- |
| ……………………………    Client Signature  Niloy sarker  Managing Director | …………………………..    Order Provider Signature  MMK Mahin  Officer  SoftTech | ……………………………    Authority Signature  Golam Rabbany  Managing Director (MD)  SoftTech |