**Software Requirements Specification (SRS) for a Tourist Management System**

**1. Introduction**

**1.1 Purpose**

The purpose of this SRS is to define the requirements for a Tourist Management System, which will facilitate the management and organization of tourist related activities and services.

**1.2 Scope**

The Tourist Management System will cover the following aspects:

Tourist information management

Tour booking and reservation

Tour guide allocation

Payment processing

Reporting and analytics

**1.3 Definitions, Acronyms, and Abbreviations**

SRS: Software Requirements Specification

CMS: Content Management System

API: Application Programming Interface

**2. System Overview**

**2.1 System Description**

The Tourist Management System is a web based application that allows tourists to browse and book tours, while tour operators can manage their offerings, allocate tour guides, and process payments.

**2.2 System Architecture**

The system will be built using a client server architecture with a web based front end and a back end server for data storage and processing.

**3. Functional Requirements**

**3.1 Tourist Registration and Management**

**3.1.1 Tourist Registration**

The system shall allow tourists to create accounts with their personal information.

Tourists can log in using their registered credentials.

**3.1.2 Tourist Profile Management**

Tourists can edit their profiles, including personal information and preferences.

**3.2 Tour Booking**

**3.2.1 Tour Browsing**

Tourists shall be able to search and browse available tours based on various criteria (destination, date, price, etc.).

**3.2.2 Tour Booking**

Tourists can select and book tours, specifying the number of participants and preferred date.

**3.3 Tour Operator Management**

**3.3.1 Tour Operator Registration**

Tour operators can register with the system and provide details about their services.

**3.3.2 Tour Management**

Tour operators can add, edit, and delete tours, specifying tour details, pricing, availability, and guides.

**3.4 Payment Processing**

The system shall support secure payment processing for tour reservations, including various payment methods (credit cards, online payment gateways, etc.).

**3.5 Reporting and Analytics**

The system shall generate reports and analytics for tour operators to track bookings, revenue, and customer feedback.

**4. Non Functional Requirements**

**4.1 Performance**

The system shall provide quick response times and handle a large number of concurrent users.

**4.2 Security**

User data and payment information shall be securely stored and transmitted.

**4.3 Usability**

The user interface shall be intuitive and user friendly.

**4.4 Scalability**

The system should be easily scalable to accommodate future growth.

**4.5 Reliability**

The system shall have minimal downtime and ensure data integrity.

**5. Constraints**

The system should be compatible with modern web browsers and mobile devices.

The project shall be developed using [specific technology stack and framework], as agreed upon by stakeholders.

**6. Conclusion**

This SRS outlines the requirements for the Tourist Management System, which is intended to streamline tourist related activities, enhance user experience, and provide tour operators with an efficient platform for managing their services.

Please note that this is a simplified example, and in a real world scenario, you should involve stakeholders, conduct in depth analysis, and consult with developers and designers to create a comprehensive SRS tailored to your specific project.