**Software Requirement Specification (SRS) Template**

Title: Thrillophilia Tour Reservation

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1. Introduction

* **Purpose**: It aims to provide an overview of the modules, functions, or features that fall under the Thrillophilia.com component. This helps readers understand what Thrillophilia.com specific responsibilities are in the system.
* **Scope**: The scope of Thrillophilia is to provide users with a platform for searching, booking, and managing tours and activities to luxury and culture stays, powered by exclusive deals and a lot of passion and extra effort to bring joy to all our travellers.
* **Background**: The Thrillophilia.com Booking and Reservation System is designed to address the need for a user-friendly and technologically advanced platform that connects travellers with various destination options while ensuring regulatory compliance and quality standards.

2. Functional Requirements

* **Requirement 1**: User Registration and Authentication
* Users should be able to create accounts, provide personal information, and log in securely.
* **Requirement 2**: Destination Search and Listing
* Users should be able to search for place based on location.
* The system should display detailed listings, including adventure, family sightseeing tours, offbeat honeymoon options, weekend breaks, short-duration activities, group departures, and corporate tours.
* **Requirement 3**: Booking and Reservation
* Users should be able to select location, provide booking details, and make reservations, receiving confirmation and booking details.

* **Requirement 4**: Availability
* The consumer can view the availability, and the staff is responsible for updating it and giving them an alternative.
* **Requirement 5**: Payment Processing.
* The system should support various payment methods, including credit/debit cards, digital wallets, and cash payments at the hotel.
* It should securely process payments and generate invoices or receipts.
* **Requirement 6:** Reservation Modification and Cancellation.
* Users should be able to request changes to existing reservations, such as adjusting dates or destination, as well as cancel bookings in accordance with the cancellation policy.
* **Requirement 7:** Review and Rating.
* Users should be able to leave reviews and ratings for tours, helping other users make informed decisions.
* **Requirement 8:** Notification
* The system should send notifications to users regarding booking confirmations, reminders, and updates via email, SMS, or push notifications.
* **Requirement 9:** Search filters and Sorting.
* Users should be able to filter and sort search results based on criteria such as price, rating, proximity, and amenities.
* **Requirement 10:** Customer support and Help Centre
* Provide a support system for users to contact customer service for inquiries, problem resolution, and assistance.
* Maintain a help centre with FAQs, guides, and contact information.

4. Non-Functional Requirements

* **Requirement 1:** Security
* Specify authentication and authorization requirements for users and staff.
* Define encryption standards for sensitive data, such as payment information.
* **Requirement 2**: Performance.
* Response Time: Specify the maximum acceptable response time for various operations (e.g., search, booking, cancellation).

4. Use Cases

* **Use Case 1**: User Registration.
* A new user can create an account by providing personal information, such as name, email, and password. The system stores this information for future authentication and personalization.
* **Use Case 2**: Search and Book.
* Users can search for tours by entering criteria like location, check-in and check-out dates, and the number of guests. The system returns a list of available Seats meeting the search criteria.
* **Use Case 3**: Update User Profile.
* Registered users can update their profile information, including contact details, profile picture, and payment methods.
* **Use Case 4**: Make a Payment.
* The system interacts with payment gateways to process transactions securely, ensuring payment is made and confirmed.
* **Use Case 5**: Modify and Cancel Booking.
* Users can cancel a previously made reservation. The system should handle refunds if applicable.
* **Use Case 6**: Contact Customer Support.
* Users can contact customer support for assistance with bookings, account issues, or other inquiries.

5. System Architecture

* **Architecture Overview**: 3 tier architecture. UI, API to request.
* **Data Model**: Collection of indexed data.

6. Constraints

* **Constraint 1**: Geographical Constraint.
* Regional variations in user preferences, regulations, and market conditions, which may affect the system's adaptation in different areas.
* **Constraint 2**: Regulatory Constraint.
* Compliance with local and international laws and regulations related to data privacy, consumer protection, and payment processing.
* **Constrain 3:** Content and Data Licensing.
* Constraints related to content and data licensing agreements for destination listings, images, and other information.

7. Assumptions and Dependencies

* **Dependency 1**: Payment Gateway
* The system relies on third-party payment gateways for processing customer payments securely. Dependencies on the availability and functionality of these gateways are critical.
* **Assumption 1**: User Authentication
* Users are assumed to have valid email addresses or mobile phone numbers that can be used for registration and authentication. Users are also assumed to provide accurate information during registration.