Himalayan Friends Pvt. Ltd. Website Development

Software Requirements Specification

Version 1

Contents

Software Requirements Specifications

1. Introduction

1.1 Purpose

The purpose of this document is to define the software requirements for the development of Himalayan Friend's website. This document provides a detailed overview of the features and functionalities of the proposed system.

1.2 Scope

This document is intended for providing an abstract overview of Himalayan Friend's website and general overview of the entire project. The scope of the document:

- System Functional Requirements
- System Non-Functional Requirements
- System Overview

1.3 Definitions, Acronyms, and Abbreviations

SRS	Software Requirements Specification
FAQs	Frequently Asked Questions

1.4 Overview

The Himalayan Friends Pvt. Ltd. website aims to provide a user-friendly platform customized to the specific needs and requirements. The site will feature a comprehensive and visually appealing user interface, facilitating easy navigation. Users can explore detailed itineraries, browse through photo galleries, and make informed decisions through user reviews. The website will incorporate a secure booking system, allowing users to effortlessly reserve their trekking adventures. Additionally, the website also aims to include maps, weather updates, and essential travel information to enhance trip planning.

2. Requirements

2.1 Functional Requirements

    A. User Dashboard
    1. Home Page
       i. Navigation Menu
      ii. Slider Images

      iii.   CTA for exploring destinations
      iv.   Search
      v.   Book Services (card view)
      vi.   Trekking Destinations (card view)
      vii.   Testimonials
      viii.   Why Travel with is
      ix.   WhatsApp Chat

2. Register
      i.   Name
      ii.   Email
      iii.   Phone
      iv.   Password
      v.   Confirm Password

3. Login
      i.   Email
      ii.   Password
      iii.   Forgot Password

4. Profile
      i.   Basic info
- Name
- Phone
- Image
- Email
- Citizenship
- Password
  - ➢ Current Password
  - ➢ New Password
  - ➢ Confirm Password

      ii.   Reviews
- View
- Add
  - ➢ Choose destination
  - ➢ Add review
- Edit
- Remove

5. Holiday Types
6. Holiday Destinations
      i.   Title
      ii.   Images
      iii.   Description
      iv.   Price (optional)
      v.   Map
      vi.   Itinerary

  vii. Useful information
  viii. Reviews
  ix. Equipment
  x. Weather
  xi. Trip Information
  xii. Book a Trip

7. Booking Form (Book a Trip)

To book a trip, user should input the following:

  i. Name
  ii. Email
  iii. Phone
  iv. Country
  v. Airlines
  vi. Companions
  vii. Select Trip Type
  viii. Message
  ix. Questions
  x. Submit Button

8. Search

  i. Services
  ii. Holiday Type

9. Contact

  i. Contact info
  ii. Map
  iii. Queries Form

- Name
- Phone
- Email
- Query

10. Blogs

11. WhatsApp Chat

B. Admin Dashboard

1. Login

  i. Email
  ii. Password

2. Content Management

  i. Testimonials
  ii. Contact
  iii. Blogs

3. Holiday Type Management

  i. List
  ii. Add

- Name
- Image
- Description
  iii. Edit
  iv. Remove
4. Holiday Destinations Management
   i. List of holiday destinations
   ii. Add
       - Quick Glance
         ➢ Title
         ➢ Featured Image
         ➢ Short Description
         ➢ Important Points
         ➢ Useful Information (icons)
         ➢ Price (optional)
         ➢ Reviews/stars
         ➢ View more (button)
       - Detailed
         ➢ Title
         ➢ Featured Images
         ➢ Detailed Description
         ➢ Price (optional)
         ➢ Map
         ➢ Itinerary
         ➢ Trip Information
         ➢ Weather
         ➢ Equipment
         ➢ Useful Information
         ➢ Reviews/stars
   iii. Edit
   iv. Remove
5. Booking Management
   i. View Bookings
      - Name
      - Email
      - Phone
      - Country
      - Airlines
      - Companions
      - Select Trip Type
      - Message
      - Question

6. Queries Management
    i. View Queries
        - Name
        - Phone
        - Email
        - Query
7. Services Management
    i. Add
        - Name
        - Description
        - Image
    ii. View
    iii. Remove
    iv. Edit
8. Services Booking Management
    i. View
        - Desired Travel Dates
        - Number of travelers
        - Phone
        - Name
        - Email
        - Service name
    ii. Search
        - By Name, Phone, email, service
9. Queries Management
    i. View
        - Name
        - Phone
        - Email
        - Query
10. Reviews Management
    i. Name
    ii. Phone
    iii. Email
    iv. Review
    v. Holiday Destination
    vi. Delete
11. User Profile Management
    i. View user info
    ii. Remove User

2.2 Non-functional Requirements

<u>Easiness:</u> The website should be usable by non-experts. The users should be able to operate on the functionality easily.

<u>Privacy:</u> Privacy rules should be enforced. A non-privileged participant should not be aware of constraints stated by other participants.

<u>Flexible:</u> The website should be flexible to edit the data shown to the user.

<u>Accuracy:</u> The data shown to the user should be accurate. The trekking information should be correct in the website.

3. Product Perspective

3.1 Product Function

<u>User: Admin</u>

<u>Functions</u>

<u>Log In:</u>

- Admin can log in to their account with the verified <u>email</u> and <u>password</u>.

<u>Content Management:</u>

- Admin should be able to add, edit and remove contents form the content management system.
- The sections that should be included in content management system are testimonials, contact, and blogs.
- To add a new content, admin should input the content name, body, and choose where to integrate it in the website

<u>Holidays:</u>

A. <u>Holiday Type Management:</u>

- Admin should be able to view the list, add, edit, and remove holiday types.
- To add a holiday type, the admin should input the name of the type, description, and an image.
- Holiday destinations are added within the holiday type.

B. <u>Holiday Destinations Management:</u>

- Admin should be able to view destinations list, add, edit, and remove trekking destinations.
- To add a trekking destination, the admin should first select the type of holiday. After selecting the type, the admin can add destinations.
- After adding the destination, the admin can add a description. There are two types of descriptions that the admin must add. The first one is 'quick glance' and the second one is 'detailed'.

- To add a description in 'quick glance', the admin should add a title, featured image, short description, important points, useful information (trekking difficulty, stay type, activities, trust guarantee) in icons, price (optional), and reviews in stars.
- To add a description in 'detailed', the admin should add a title, featured images (up to 5 images), detailed description, price (optional), map, itinerary, trip information, weather, equipment, useful information, and reviews.

Bookings Management:

- Admin should be able to view the list of bookings made by users.
- Admin should view <u>name</u>, <u>email</u>, <u>phone</u>, <u>country</u>, <u>airlines</u>, <u>companions</u>, <u>trip type</u>, <u>message</u>, and <u>questions</u>.
- The companions should specify whether the trip is <u>solo</u> or <u>group</u>. If the trip is a group, then the number of people in the group should be specified, informing there will be group discounts.
- The trip type should contain <u>destination</u> information with <u>arrival date</u>, <u>desired travel date</u>, and <u>duration of stay</u>.
- The answers to the questions asked in the booking form should be visible.

Services:

A. Services Management:

- Admin should be able to add, view, edit, and remove the services.
- To add a service, the admin should input the name, description, and image.

B. Services Booking Management:

- Admin should be able to view the service bookings made by customers.
- Admin should be able to view <u>desired travel dates</u>, <u>number of travelers</u>, <u>phone</u>, <u>name</u>, <u>email</u>, and <u>service</u>.
- The desired travel dates, number of travelers, and service names should be sortable.
- Admin should be able to search the bookings based on <u>name</u>, <u>phone</u>, <u>email</u>, and <u>service</u>.

Queries Management:

- Admin should be able to view the list of queries. The queries should have the user's <u>name</u>, <u>phone</u>, <u>email</u>, and <u>query</u>.

User Profile Management:

- Admin should be able to list of users.
- The user information should contain basic information: <u>name</u>, <u>phone</u>, <u>email</u>, and <u>citizenship</u>.
- Admin should also be able to remove users from the system.

Reviews Management:

- Admin should be able to view the <u>name</u>, <u>phone</u>, <u>email</u>, <u>review</u>, and <u>holiday destination</u> of the reviews made by the user.
- Admin should also be able to delete reviews.

<u>WhatsApp Chat:</u>

- Users should directed to WhatsApp when they click on the WhatsApp button.

<u>User: Admin</u>

<u>Functions</u>

<u>User: Customer</u>

<u>Functions</u>

<u>Registration:</u>

- Users should be able to register their accounts in the website. The sign up process should contain <u>name</u>, <u>email</u>, <u>phone</u>, <u>password</u>, and <u>confirm password</u>.
- After signing up, the user profile should be added to the users list.

<u>Log In:</u>

- Users should be able to log in to the website with the <u>email</u> and <u>password</u> they used while signing up. After logging in, users should be able to access their profile.
- If the login information doesn't match the information stored in the customer profile management module, then a login error should be shown to the user.
- In case the user forgets their password, a '<u>forgot password</u>' section should be added to the login form. The 'forgot password' section should contain a field that accepts the email of the user. The email should match the email that they used while signing up. After providing the email, the user should receive a reset password link to the email they provided. The password should be saved in the database and the new password should be used to log in.

<u>Profile:</u>

- Customers should be able to access their profile after registering and logging in. The profile should contain <u>basic information</u> and <u>reviews</u>.
- The basic info should have the <u>name</u>, <u>phone</u>, <u>email</u>, <u>image</u>, <u>citizenship,</u> and <u>password</u>. Password should have current password, new password, and confirm password. By inputting 'new password' and 'confirm password', the password should be changed for the user.
- The reviews tab should have a view, add, edit, and remove options. To add a review, users should <u>choose a holiday destination</u> and <u>add a review</u> (text).

Holiday Types and Holiday Destinations:

- Users can view different holiday types and within the holiday types users can view holiday destinations. Multiple destinations can be viewed in a holiday type.
- Once the user clicks on the holiday, a list of all holidays can be viewed. The list should contain brief details. The brief details are the title, featured image, short description, important points, useful information icons (trekking difficulty, stay type, activities, and guarantee icon), price (optional), reviews, view details, and book a trip button.
- With the 'view details' button present in the list, users can view the detailed information. The detailed information includes the title, featured images (up to 5 images), detailed description, price (optional), map, itinerary, trip, trip information, weather, equipment, useful information, and reviews.

Booking Form:

- To book a trip, users should input name, email, phone, country, airlines, and message.
- Users should select companions; whether solo or group. A text should be provided where it should be mentioned that group trips get a discount.
- Users should also select the trip type - destination. Within the destination, users should choose the arrival date, desired travel date (in calendar), and duration of stay.
- Users should also specify the trip date and number of days while choosing a destination.
- Users should also answer a series of questions asked.
- The booking form is managed by the admin from the booking management panel.

Book a Service:

- Users should be able to view different services added by the admin.
- The services should contain a booking form.
- The booking form should contain desired travel dates, number of travelers, phone, name, and email.

Search:

- Users should be able to search services and holiday types.

Contact:

- Contact should show the contact information of the company along with their map.
- A queries form should also be added where users can send any query they have by inputting name, phone, email, and query.
- Queries are handled by queries management panel by admin. The contact information and map is added by admin from content management system.

Blogs:

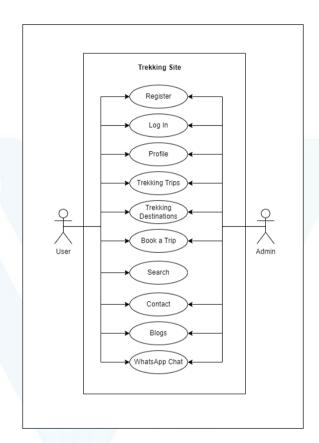- Users should see the blogs posted by admin from content management system.

<u>WhatsApp Chat:</u>

- Users should be able chat with the business owner through WhatsApp chat.

4. System Overview
4.1 Use Case

4.1 Process Flow Chart
Process flow chart for booking a trip: