**AdventureHub**

**Outdoor Activity Discovery and Management System**

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**1. Introduction**

**1.1 Document Purpose**

This document outlines the business requirements and scope for developing the **AdventureHub** platform. It includes defining functional and non-functional requirements, business rules, and other constraints for successful implementation.

**1.2 Project Background**

There is no existing centralized system to help users discover outdoor activities in specific locations. Tourists and locals often rely on outdated or limited resources to find such activities, while organizers lack a unified platform to manage and promote their events. **AdventureHub** bridges this gap by offering a web-based solution for participants to search, register, and get notifications about activities, and for organizers to update and manage their offerings efficiently.

**1.3 Goals of the Project**

The main objective of **AdventureHub** is to build a platform that:

* Allows users to search for and register for outdoor activities/adventures in the desired locations.
* Enables organizers to add, update, and manage their published Activities/Events.
* Promotes and enhances tourism by connecting participants and organizers seamlessly.
* To enhance User experience by providing genuine/verified information about the organizers, etc.

**1.4 Customers and Stakeholders**

**Customers:**

* Tourists and locals who want to participate in outdoor activities such as treks, paragliding, camping, rafting, etc.
* Organizers looking to promote and manage outdoor activities.
* Tourism boards and organizations supporting outdoor tourism.

**Stakeholders:**

* Outdoor activity enthusiasts/communities.
* Organizers and businesses offering outdoor experiences.
* Local tourism departments and government entities.

**2. Business Requirements Overview**

**AdventureHub** is a public web-based application aimed at enhancing the outdoor tourism experience.

* It will initially target tourists and locals in popular locations, with expansion options.
* Users are categorized into two groups: customers and organizers.
* The system will connect participants with available outdoor activities and provide a platform for organizers to manage them.
* The system will be maintained by an Administrator for smooth operation.

**3. Functional Requirements Overview**

**3.1 Participant Module**

* Participants can register and create accounts.
* Users can search for activities based on location, type, and schedule.
* They can register for activities, receive notifications about any changes, and view ratings and reviews.

**3.2 Organizer Module**

* Organizers can register and create accounts.
* They can add new activities, update existing ones, and manage participant registrations.
* Organizers can update schedules and communicate changes to participants.

**3.3 Admin Module**

* Admin users can manage both participants and organizers, ensuring system integrity. Management includes monitoring organisers and users against whom, consistent negative feedbacks are given.
* Admins have access to transaction logs, activity reports, and system monitoring.
* They handle user disputes and manage the overall platform.

**3.4 Notification and Feedback Module**

* The system will send notifications to participants regarding registrations, updates, and cancellations.
* Both participants and organizers can provide feedback, which is visible to others.

**4. Non-functional Requirements**

* The platform should have a professional and user-friendly interface.
* It should be accessible via the internet without restrictions, with a capacity to handle at least 1000 users.
* The website must follow standard usability guidelines for menus, navigation, colours, and interactions.
* The system should allow users to complete tasks (searching, registering, updating) in minimal steps for efficiency.