**Sahyadri Navigator**

**Business Requirement Specification**

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# 1. Introduction

# Document Purpose

This document communicates the business requirements and scope for providing common platform to all the trekking clubs and trekkers.. The scope of this document is to define the functional and non functional requirements, business rules and other constraints requirements.

# Project Background

There is no system available for trekkers to find upcoming trekking events. Currently, the trekkers go to the nearest trekking club and check for the upcoming trekking events. For this they have to search a lot.

After visiting different trekking clubs sometimes they don’t find any club who can fulfill their expectations. It is difficult for them to compare between those clubs to get perfect club with various aspects such as timing, price, guidance, etc.

# Goals of the project

* The main objective of this project is building a website which will help trekkers from different places to find trekking spot.
* Trekkers can find best suitable option from multiple trekking clubs which have registered on our platform.
* They can go through multiple options and according to their preferences (time, place, price and other facilities) they can select suitable choice.
* Different Trekkers club can register on our platform and can put their next schedule about their trekking events.

# Customers and Stakeholders

Customers:

* + Admin
  + Trekkers
  + Trekking Clubs

Stakeholders:

* + Trekking Community.
  + Youth interested in Trekking
  + Tourism Industry
  + Government(Ministry of Tourism)

# 2. Business Requirements Overview

* Sahyadri Navigator System is the public web application.
* Sahyadri Navigator System will be opened to the global, but in the phase 1, the main target is in the Maharashtra.
* There are mainly Three types of users. One is the Trekkers and other is Trekking clubs and System User.
* Trekkers can search for the upcoming trekking events.
* Trekking clubs can post their upcoming trekking events.
* Sahyadri Navigator System provides the functions which connect the trekkers and the trekking clubs.
* Sahyadri Navigator System will be maintained by Administrator.

# 3. Functional Requirements Overview

Sahyadri Navigator System consists of four modules described as below.

1. Trekkers Module
2. Trekking clubs Module
3. Admin Module

# 3.1 Trekkers Module

* Trekkers can register and create, update and delete his own account.
* He is able to browse upcoming Trekking events.
* The Trekkers could find details of multiple Trekking clubs.
* Trekker will do payment.
* Providing “Review-system” after completion event.
* He is able to give feedback after trek.

# 3.2 Trekking clubs Module

* Trekking club can register and create ,update and delete his own account.
* Sahyadri Navigator System provides the function which allows Trekking clubs to publish their upcoming event.
* Trekking club can publish their facilities about their event.
* Communicate via email
* Providing “Pay-Back System” in case of cancellation with some deduction.

# 3.3 Admin Module

* Sahyadri Navigator System should provide all function to admin how to handle the System.
* What are the Trekkers and Trekking clubs are using this system and are they authorized.
* Could able to know all the Transaction.
* Authentication of trekking clubs.

# 4. Non-functional Requirements

* The website should use professional design, look and feel and color scheme.
* Users will have no limitations for accessing the application through Internet. The portal being an internet application, it is difficult specify exact number of visitor or users. Hence we will target the system to support between 5 and 10 million users on launch of phase 1.
* Being a public website, the site must follow general usability guidelines for menus, navigation, colors, links and other actions provided on the screens.
* The system should be designed in such a manner that user will be able to complete tasks in minimum number of steps.