

Assignment - 1

1.] Define a problem statement and give a brief Executive Summary Snapshot.

> Problem

> Executive Summary Snapshot

> Project Description

> Project Scope

> process.

* Sample Business Requirement Document Template.

➤ Problem:- In India many people love to do trekking, Trekkers in remote areas may face problems, accidents or Health Emergencies. They can find many difficulties in Navigation & Route bindings, accessing information about essentials resources can be difficult in remote areas. There can be connectivity issues. Trekkers need accurate realtime information to plan & adapt their trek effectively.

➤ Executive Summary Snapshot:-

- As per trekkers information or data many new trekkers, naturalist do face this problem.

- So taking this point in mind we need to give a proper application or website that manages all the requirements of the Trekkers.

* There are some problems faced by Trekkers:-

1] Safety & Emergency Situations:-

Trekkers when they are in remote areas they face accidents or Health emergencies.

2] The Navigation & Route Findings:-

Finding and following new routes can be difficult in case of getting lost or deviating from planned route, or encountering dangerous areas.

3] Weather conditions :-

Sometime sudden weather changes can create hazardous conditions & it can disturb the trekking plans.

4] Resource availability :-

Difficulties in resource management can lead to shortage or discomfort while trekking.

5] Connectivity Issues :-

Sometime they may have connectivity issues in remote areas they may have communication gap and can't be able to access real time information.

Project Description :-

The project aim is to address & resolve all the problems of trekkers while trekking.

Objectives :- Proposed solution through application & website.

1] Real Time Safety & Emergency Support :-

Through this feature an immediate response will send to emergency assistance & improves safety & enhanced the coordination in crisis situation & also GPS based SOS alerts.

2] Best Navigation & Route Management :-

Accurate navigation system which will reduce risk of getting lost & better route planning.

3] Live weather updates & alerts :-

Users trekkers be able to check live weather updates & Alerts.

4] Resource Informations:-

Detailed information on water resource, shelter & food facilities & medical assistance.

5] Offline Accessibility:-

Offline communication & offline maps, emergency contact feature.

➤ Project Scope:-

- 1] An Immediate access to emergency assistance improves safety.
- 2] An accurate navigation system, better route planning with adjustment.
- 3] It also allow trekkers to adapt plans based on current weather conditions.
- 4] Improving safety & comfort.
- 5] Providing real time data on local wildlife to avoid dangerous encounters.

➤ Process :-

- 1] Design.
- 2] Development.
- 3] Testing & validation.
- 4] Deployment or Launch.

Another thing I want to add in application is that many people who are handicapped or unable to go for trekking they can witness trekking through VR through application feature & a live setup so that they can feel as if they are trekking and enjoying the "Beauty of Mother Earth".