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30432

Hikers Meet Up
Vision

Version 1.0

Hikers Meet Up	Version: 1.0
Vision	Date: 10/MAR/2019
Projec_Vision.docx	

Revision History

Date	Version	Description	Author
10/MAR/2019	1.0	Initial Project Statement	Dreghici Popa Vlad

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1. Introduction

1.1 Purpose

Each person that once wanted to go on a hiking trail has at least once in their life dealt with a major problem. The fear of going alone and something happening, like getting lost. The only option one has is to go on a social platform like facebook and look for someone also eager to go on a road trip on the same route. The current document will describe the solution we propose for this problem, what will be implemented and we will also clarify ambiguous terms and why our system is a good replacement.

1.2 Scope

The following features will be covered by the Online Hikers Meet Up Application.

- User Authentication (Create Account + Login)
- Online Hiking Route enlisting for users(Users sign up for certain routes at certain dates and will match up with similar users which have enlisted).
- See personal list of routes enlisted to
- Check/Update user data like age, interests and so on
- Calculate a trust factor rating depending on ratings from other hikers.
- Find recommended routes and groups
- Detailed view of a certain route selected
- Search and Rescue services will be able to see the lists of hikers registered for certain routes
- Search and Rescue services will be able to Add/Edit/Delete a certain route.
- The application will also have an alert system which when pressed will alert the Search and Rescue Services.

The following services are out of the scope of this project and will be provided by other systems:

- The alert system called when a hiker pressed the button.

1.3 References

- Project_UseCaseModel_EnlistForRoute
- Project_UseCaseModel_SeeEnlistedRoutes
- Project_SupplementarySpecification

1.4 Overview

The upcoming sections of the document will describe the product positioning in the market, relative to other similar systems. We will then continue by describing the involved stakeholders, the end users, the end user environment and the product hardware and software requirements.

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2. Positioning

2.1 Problem Statement

The problem of	Finding a group for hiking and reducing risks
affects	Hikers which are afraid of doing solo routes
the impact of which is	Reduced exposure to beautiful nature monuments
a successful solution would be	To create an online enlisting system with trust factor and being able to find like minded people to explore nature.

2.2 Product Position Statement

For	Search and Rescue Services
Who	Need to provide a safe and clean environment for hikers
The (product name)	Hikers MeetUp System
That	Enlists hikers for certain routes quickly
Unlike	Looking for like minded people on social platforms
Our product	<ul style="list-style-type: none"> • Takes into account interests and hobbies • Provides a transparent trust factor • Eliminates the hassle of finding people for the trip • Helps the Search and Rescue services identify hikers easier

3. Stakeholder and User Descriptions

[To effectively provide products and services that meet your stakeholders' and users' real needs, it is necessary to identify and involve all of the stakeholders as part of the Requirements Modeling process. You must also identify the users of the system and ensure that the stakeholder community adequately represents them. This section provides a profile of the stakeholders and users involved in the project, and the key problems that they perceive to be addressed by the proposed solution. It does not describe their specific requests or requirements as these are captured in a separate stakeholder requests artifact. Instead, it provides the background and justification for why the requirements are needed.]

3.1 Stakeholder Summary

[There are a number of stakeholders with an interest in the development and not all of them are end users. Present a summary list of these non-user stakeholders. (The users are summarized in section 3.2.)]

Name	Description	Responsibilities
Ministry of Tourism	Elected by the citizens to represent the tourism of the country, interested in providing quick and good solutions for the development in this industry	Approves funding
Search and Rescue Service	The team which is responsible of the hiking routes and hikers. The current	Will try to work with the developers in order to provide fast, easy and good improvements.

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	system will ease their jobs a lot more.	Also receives the alert from within the system.
System Administrator	The person in charge with maintaining the system after implementation.	Ensures system integrates with other systems. Ensures system is maintainable. Provides valid data to the system database
Implementation Team	The team developing the project.	Provide a clean implementation with minimum effort.

3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Hiker	The main user of the system.	<ul style="list-style-type: none"> Enlists for routes Deletes sign ups Updates profile Sees lists of routes signed up for Finds other users to hike with 	He is a direct user
Search and Rescue Teams	Person in charge of managing routes.	<ul style="list-style-type: none"> Sees current routes and hikers signed up for them. Is notified on alert Can modify routes 	Direct user

3.3 User Environment

Hiker

The hiker is considered to be able to find other hikers by submitting requests from personal computer or from phone.

Search and Rescue Services

The search and rescue services are considered to have a personal computer like a laptop at hand for checking routes. As they are likely to be interrupted many times by calls or other distractions, the system must provide a workflow that supports interruptions and shows him at any moment the current state of the system.

4. Product Requirements

For either user, the product requires first of all a stable internet connection, a computer with at least 8 GB RAM, Dual core processor, monitor, keyboard, mouse. Optional for development, the users are able to access the system from the smartphone, at least iPhone 5 or higher or Android 6.0 or higher.