Map your hike

Vision

Version <1.0>

Revision History

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Vision

# Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the “Map your hike” system. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the “Map your hike” fulfills these needs are detailed in the use-case and supplementary specifications.

This application is meant to provide all kind of data that might be useful to a hiker while planning or experimenting his trip. I would like to start this project by ensuring the most basic information needed before and during a hiking: map, water supply, weather and accommodation.

## Purpose

The purpose of this document is to clarify the scope of the project I am going to implement and to provide some vague details about what kind of services it is going to assure.

## Scope

This document’s scope is to provide a brief description about the tools, the competences needed to finish this project, other similar applications and the plan of contribution for each week.

## Definitions, Acronyms, and Abbreviations

Web application- a client–server computer program which the client (including the user interface and client-side logic) runs in a web browser.

Android- a mobile operating system developed by Google

## References

<https://www.dsp.co.uk/the-key-responsibilities-of-a-database-administrator/>

## Overview

This document provides a brief description about the tools, the competences needed to finish this project, other similar applications and the plan of contribution for each week.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Consulting multiple information sources before a hiking |
| affects | Any hiker who likes to be prepared |
| the impact of which is | Too much wasted time |
| a successful solution would be | Accessing this information from one source |

## Product Position Statement

|  |  |
| --- | --- |
| For | hikers |
| Who | Are looking for a well-documented trip |
| The “Map your hike” | is a software application |
| That | Provide specific data about weather, water supply, directions and accommodation possibilities during a hiking |
| Unlike | Multiple information sources |
| Our product | Summarize multiple information sources, consider user reviews and offer possibility of sharing experiences with other hike lovers. |

# Stakeholder and User Descriptions

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Database Administrator | maintains a successful database environment | to maintain data integrity  data extraction |
| Software Developer | programs computers or designs the system to match the requirements | produce efficient code based on specifications  fixing and improving existing software |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Review writer | Writes reviews based on personal experience |  |  |
| Info reader | Consults the page while documenting a future trip |  |  |
| Direction viewer | Uses a map while hiking or other current data |  |  |

## User Environment

The “Map your hike” app is a project I am working on, that hopefully will be finished in less then 1 month, I’ve planned to spend about a week for each cycle of the project so I hope that it will be finished technically sooner then required.

The project’s finished version will be a web application, but I hope someday I will create a more realistic and complex app based on this idea which will be an application for phones, implemented in Android .

# Product Requirements