Bike portal

Vision

Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 18/Mar/18 | 0.1 | Housekeeping – renamed project etc. | Ács Dávid |
| 19/Mar/18 | 1.0 | Initial version of Introduction, positioning, stakeholders and product requirements. | Ács Dávid |
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Vision

# Introduction

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

The introduction of the **Vision** document provides an overview of the entire document. It includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of this **Vision** document.

## Purpose

The purpose of the document is to provide a high-level overview of the **Bike portal** system. It will serve as a guide to developers, managers and aid them when making decisions.

Business goals and project outline are specified in this document.

## Scope

The scope of this document is the Bike portal project and nothing else.

## Definitions, Acronyms, and Abbreviations

See the glossary of the project.

## References

Glossary of the project: Project\_Glossary.docx, author: Ács Dávid.

## Overview

The following pages contain information which will show the position of the product in the market, identify and describe the stakeholders and users, provide insight regarding the high-level requirements of the product.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Having a platform where users can sell, buy and rent motorcycles |
| affects | Users, bike-shop owners |
| the impact of which is | Providing them with services, easily get involved with trade |
| a successful solution would be | Building a program where users can achieve these goals |

## Product Position Statement

|  |  |
| --- | --- |
| For | Bike shop owner |
| Who | Wants to buy or sell motorcycle |
| The (product name) | Bike platform |
| That | Provides online presence |
| Unlike | e-commerce sites |
| Our product | Is custom built for motorcycles. |

A product position statement communicates the intent of the application and the importance of the project to all concerned personnel.

# Stakeholder and User Descriptions

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Developer | Software engineer who builds the system. | Builds the software needed.  Makes sure that the system satisfies the requirements of the users.  Tests the software. |
| Manager | Manages the software developers | Responsible for schedule of the project.  Manages developers, makes sure project is not overbudget. |
| System administrator | Keeps the software solution functional | Installation of software  Maintenance of software. |
| Bike-shop owner | Buyer of the system. | Provide input to the developers/managers, to help define and identify requirements. |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Buyer/seller | A person who would buy or sell products using the platform. | No responsibilities. | Bike-shop owner. |
| Administrator of bike-shop platform. | Manages the platform. | Review posts.  Moderate content on the platform.  Add/delete/update content. | Bike-shop owner. |

## User Environment

Multiple users may be using the portal, and they may interact with each other using the system.

The users may use the system for short periods of time or regularly, depending on their needs.

The administrator or administrators of the portal are assumed to be full time employees, working to maintain and to curate the portal.

There are no foreseeable environmental constrains.

There is no need to integrate with other applications.

# Product Requirements

Since the project will be written in C# language, there is a need for the .NET framework. Although .NET core is available on all major operating systems, Windows will be preferred for development and deployment to maximize compatibility and ease of development.

The software package should be run on at least two core CPU and the system must have 2GB of RAM. For storage 100 GB is recommended.