Parking Management

Version 1.0

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 03/April/19 | 1.0 | Described the initial vision of the team | Aionitoaie Mihai |
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# Introduction

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

## Purpose

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

## Scope

This project is designed for people who are or who want to register to the city Parking System and to book a parking space when in need much faster and very easy.

## Definitions, Acronyms, and Abbreviations

All the definitions, acronyms and abbreviations can be found in glossary.

## References

N/A

## Overview

The rest of the document will contain the details about the problems facing and information about the stakeholder and the product requirements.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Finding a free parking space |
| affects | All citizens from/outside the city |
| the impact of which is | Traffic jam |
| a successful solution would be | Efficiently booking a parking space online |

## Product Position Statement

|  |  |
| --- | --- |
| For | All car owners |
| Who | Need a parking space during certain hours |
| The Parking Booking System | Is an online platform for booking |
| That | Offers clients a free and fast parking lot |
| Unlike | The guy that helps you park |
| Our product | Intends to help the traffic |

# 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.]

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Admin | The supervisor of a certain Parking Building | Can add new users in the system.  Can view booking for the current parking building.  View the feedback of customers.  View users registered. |
| Master Admin? (Mayor) | The supervisor of all parking buildings | The same responsibilities as the usual admin, but with the difference that he can operate on multiple parking buildings at the same time. |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Ion | The user that will book one or more parking spaces. | Book a lot with a valid date and valid hours.  Leave a feedback.  Not booking multiple lots with the same car. | - |

## User Environment

The amount of time spent in each activity depends on the type of activity. For example an admin will spend more time checking everything is right in its parking building, while a user will book its lot in 3 steps.

During holidays/renovation the parking booking will not be available.

This can be a web application (Chrome, Opera, Firefox, etc.) or a mobile application. This way every user can choose the method faster for them.

# Product Requirements

* A database server to store the required information;