Auto parts

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <dd/mmm/yy> | <x.x> | <details> | <name> |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Introduction 4

1.1 Purpose 4

1.2 Scope 4

1.3 Definitions, Acronyms, and Abbreviations 4

1.4 References 4

1.5 Overview 4

2. Positioning 4

2.1 Problem Statement 4

2.2 Product Position Statement 4

3. Stakeholder and User Descriptions 5

3.1 Stakeholder Summary 5

3.2 User Summary 5

3.3 User Environment 6

4. Product Requirements 6

# Introduction

The application is a desktop application that helps users to search for and order the desired pieces. The main functionality of the application is to find the desired product, which can be found by several search methods designed to help users. The system is designed to could see product information and finally order it.

## Purpose

The purpose of this vision is to offer the users a more detailed overview of the entire application and to highlight its functionalities.

## Scope

The scope of the application refers to the range of view and is large as the application can be accessed by anyone – any type of user – from any computer.

## Definitions, Acronyms, and Abbreviations

The definition of the application, could be the following: APS(Auto Parts Shoping)

## References

The following similar online platforms have been considered when designing the vision of the project:

* Epiesa
* Autokarma
* autohut

## Overview

In the rest of the Vision document the Problem statement will be detailed, and also the Product Statement. Then a more detailed description of the stakeholder and user will be provided.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Car damage |
| affects | the car has mechanical problems |
| the impact of which is | the car holder can no longer use the car |
| a successful solution would be | To make the search for the rigth products more easy and efficient by providing the information based on the introduced disease. |
|  |  |

## Product Position Statement

|  |  |
| --- | --- |
| For | Everyone |
| Who | needs auto parts |
| The (product name) | Auto parts |
| That | Access to many auto parts |
| Unlike | Classic car parts shop |
| Our product | Offers you all the pieces you need |

# Stakeholder and User Descriptions

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Auto Service | they are the ones who need many pieces for their clients | They have the responsibility to choose the right parts for their customers, get the best price and finish repairs as quickly as possible |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Registered user  Administrator | The person who have problem with his car.  The type of user who has all permission rights in the system. | Use the system to search for some parts with the later possibility to buy them later.  Make sure the information stored in the system and the one coming from the shopps partners is accurate. Manage the entire systems. Analyze the orders placed. | The user himself. |

## User Environment

The user environment will be a friendly one and easy to be operated on by both experienced and unexperienced users.

Each task/operation in the system can be completed by a single person/ user. The number of persons involved in any task is never changing. The application does not support group actions.

The client – through the front-end component of the application requests some data or tries to manipulate some data that can be found in the system and the server, which accesses the database, offer the response to the queries.

Environmental constraints: the application is designed to run on computers.

As the programming language is JAVA – the application can be configured to run also on other platforms.

# Product Requirements

In order to be able to use the application at its fullest and to exploit all of its functionalities the following requirements are to be taken into consideration:

* The operating system : WINDOWS or LINUX.
* At least JAVA 8 installed on the computer.
* The MAVEN configurations done on the computer.
* The Apache Tomcat server installed and configured on the necessary port for the application.
* The database populated with the correct data.
* The MySql database password know.
* Spring framework configurations solved.