Car Selling Application

Version <1.0>

Revision History

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| --- | --- | --- | --- |
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# Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the Car Selling Application. It focuses on the capabilities needed by the stakeholders and the target users, and why these needs exist. The details of how the Car Selling Application 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 this document is to describe a client-server application for the users (customers), employees and administrator of a Car Selling Application.

## Scope

The application allows customers to search and view the available cars, including information and photos.

It is also a way for the administrator to manage the cars, employees and customers too.

## Definitions, Acronyms, and Abbreviations

The application will use JDK for Java and MySQL for storing the database. JDK is the abbreviation for Java Development Kit, and SQL means Structured Query Language.

## References

## Overview

The application comes in handy for the customers who are interested in buying a car.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Lack of time and information |
| affects | The customers interested in buying cars |
| the impact of which is | Spending a lot of time for visiting multiple car showrooms |
| a successful solution would be | An application available for customers in order to search a particular car to buy |

## Product Position Statement

|  |  |
| --- | --- |
| For | Car customers |
| Who | Want to buy a car |
| The (Car Selling Application) | Is a software application |
| That | Help customers to choose the appropriate car |
| Unlike | A TV advertisement |
| Our product | Give the possibility to see more cars in parallel in order to make a comparison for a better choice |

# Stakeholder and User Descriptions

Design and implement a client-server application for selling cars. The application will be used by customers, selling company’s employees and an administrator. A customer can search and view the available cars for a specific mark. In order to buy a car, a customer must fill a contract with its personal data, contract created by the employee. The administrator can make CRUD operations (create/update/delete) on cars, employees and customers.

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Teacher  Me | Laboratory guide  Project developer | Monitors the project’s progress  Ensures that the project will be finished in time |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Customer  Employee  Administrator | Persons interested in buying cars  Persons who work in the selling company  People who manage the employees and customers | Search and view available cars  Create contracts with customers  Coordinates work |  |

## User Environment

I will work alone in order to complete this task. The amount of time spent in each activity is variable. It depends on the complexity of the activity. The users could use the application everywhere.

# Product Requirements

In order to implement this application, all I need is a computer with an integrated development environment (IDE) for Java capable of establishing a connection with a SQL Server.