**Software Requirements Specification**

**Renting car application**

Made by Pirvoaica Daniel

Table of Contents

[1. Introduction 3](#_Toc67516168)

[1.1. Purpose 3](#_Toc67516169)

[1.2. Document conventions 3](#_Toc67516170)

[1.3. Intended Audience and Reading Suggestions 3](#_Toc67516171)

[1.4. Product Scope 3](#_Toc67516172)

[1.5. References 3](#_Toc67516173)

[2. Overall Description 3](#_Toc67516174)

[2.1. Product Perspective 3](#_Toc67516175)

[2.2. Product Functions 3](#_Toc67516176)

[2.3. User characteristics 3](#_Toc67516177)

[2.4. Design and Implementations Constraints 3](#_Toc67516178)

[2.5. Assumptions and Dependencies 3](#_Toc67516179)

[3. Specific Requirements 3](#_Toc67516180)

[3.1. Functional requirements 4](#_Toc67516181)

[3.2. User interfaces 5](#_Toc67516182)

[3.3. Hardware interfaces 5](#_Toc67516183)

[3.4. Software interfaces 5](#_Toc67516184)

[3.5. Communications Interfaces 5](#_Toc67516185)

1. Introduction
   1. Purpose

The purpose of this document is to help other people to rent a car very easy and without many necessary documents.

* 1. Document conventions
  2. Intended Audience and Reading Suggestions

This document is primarily intended to be proposed to a customer for its approval and a reference for developing the first version of the system for the development team.

* 1. Product Scope

The application is designed to help people to rent a car easy. It includes locations available for picking up cars and also each user can select where to return his car after using it. For each location a user can see available cars for them.

* 1. References

1. Overall Description
   1. Product Perspective
   2. Product Functions

The application will have a login page through you can enter in application. Also a registration page will be available to create an account. After authentication, following pages will be available:

* Dashboard - it will be shown some offers that are currently available.
* Details – page for account details
* Locations – information about locations and available cars for each one
* Rent page - reserve cars and select location for pick-up and return.

For admin:

* Add cars page – add cars to locations
* Add locations – add new locations
  1. User characteristics

There will be two types of users. An administrator who can update locations and cars and standard user who can benefit by others functionalities described above.

* 1. Design and Implementations Constraints
  2. Assumptions and Dependencies

1. Specific Requirements
   1. Functional requirements

User:

ID: FR1

TITLE: Accessing the web page

DESC: A user should be able to access the web page of the app.

ID: FR2

TITLE: User Registration

DESC: A user should be able to register through the app.

ID: FR3

TITLE: User Authentication

DESC: A user should be able to log-in through the app.

ID: FR4

TITLE: View details about account

DESC: The customer should be able to view his own details account.

ID: FR5

TITLE: Choose the alimentation

DESC: The Customer should be able to select a plan of alimentation from app.

ID: FR6

TITLE: Account information

DESC: The customer can view account details.

ID: FR7

TITLE: View history

DESC: The customer can view the orders history.

Administrator:

ID: FR8

TITLE: Add and delete locations.

DESC: The administrator can add and delete locations.

ID: FR9

TITLE: Add and delete cars.

DESC: The administrator can add and delete cars.

ID: FR10

TITTLE: View all the users.

DESC: The administrator can view all users.

* 1. User interfaces
  2. Hardware interfaces
  3. Software interfaces
  4. Communications Interfaces