**Vision Document for “Car Rental Management System”**

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**1. Introduction**

The “Car rental management system” is a web-based system for a company that rents out cars. This system offers various types of cars without a driver. Customers are able to search a desired car. If the customer wants to rent a car that he/she chose, he/she needs register to the system.

**2. Positioning**

**2.1 Problem Statement**

|  |  |
| --- | --- |
| The problem of | *managing the car renting service and allowing customers to rent a car at any time.* |
| Affects | *administrators, customers (renters)* |
| the impact of which is | *Checking car availability is complex, hiring staff 24/7 is costly.* |
| a successful solution would be | *one tool which builds a Car rental management system that integrates the business rules for car availability and online car renting needed by customers. This tool will provide a Database and a user interface that is easy to use for staff (administrator), and customers.* |

**2.2 Product Position Statement**

*[Provide an overall statement summarizing, at the highest level, the unique position the product intends to*

*fill in the marketplace. The following format may be used:]*

|  |  |
| --- | --- |
| For | *Tourists, temporary residents, international students* |
| Who | *[statement of the need or opportunity]* |
| The car | *is a vehicle* |
| That | *[statement of key benefit; that is, the compelling reason to buy]* |
| Unlike | *[primary competitive alternative]* |
| Our product | *[statement of primary differentiation]* |

**3. Stakeholder Descriptions**

**3.1 Stakeholder Summary**

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Admins | Admins add, edit, or delete a car, a car type. | Admins are responsible for setting up insert initial data and managing system. |
| Customers | Customers can search and book a car. | Customers are responsible for updating their profile and book a car which they want to rent. |
| Staff | Staff rent out a car to the customer and receive a car from the customer. | Staffs are responsible for register rented out car to the customer, change car’s availability, and receive a car from the customer. |

**4. Product Overview**

**4.1 Needs and Features**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Problem** | **Need** | **Priority** | **Features** | **Planned Release** |
| **Admin** | | | | | |
| 1 | The system offers various types of cars. | The system must contain cars information. |  | Admin must be able to add, edit, or delete cars. |  |
| 2 | The car has a vehicle type. | The car has a type. |  | Admin must be able to add, edit, or delete car types. |  |
| 3 | Admin can print sales report. | Admin should be able to view and print sales report. |  | Admin must be able to view sales report by custom range and print it. |  |
| 4 | Admin can manage availability of the car. | Admin should be able to change the availability of the car. |  | Admin must be able to edit the availability of the car. |  |
| 5 | Admin can manage car booking. | Admin should be able to change booking information. |  | Admin must be able to edit or cancel booking information. |  |
| **Customer** | | | | | |
| 6 | Customer can view cars | Customer should be able to view cars information. |  | Customer must be able to view list of the cars and detail information of specific car. |  |
| 7 | Customer can register and login the system. | Customer should be able to edit own profile. |  | Customer must be able to edit own profile after logging the system. |  |
| 8 | Customer can search a car. | Customer can check availability of the car. |  | Customer must be able to search a car and check availability of the car. |  |
| 9 | Customer can rent a car. | Customer should be able to book a car via online and view own booking information. |  | Customer must be able to book a car and view own booking information after logging the system. |  |
| 10 | The system should show warnings to the customers about the start and end date of the booking. | The system should be able to show information about start and end date of the booking before one day. |  | The system must show warnings to customers about start and end date of their booking before one day. |  |
|  | Customer return a car | Customer should be able to return a car that he/she rented. |  | Customer must be able to return a car that he/she rented. When customer return a car, it’s availability must be changed. If the customer returns a car later the end date, then customer has to pay an overdue fee. |  |
| **Staff** | | | | | |
| 11 | Staff rent out a car when the customer who has booked a car. | Staff should be able to rent out a car to the customer |  | Staff must be able to change the status of a car. |  |
| 12 | Staff receive a car when the customer return it. | Staff should be able to receive and change availability of the car when the customer return it. |  | Staff must be able to change the availability of the car that is returned. If the customer returns a car later the end date, then staff need to see the overdue fee. |  |