**Use Case Description**

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| **Use Case Number**: 1 | | |
| **Name** CarOwner Profile | | |
| **Brief description** This use case allows Admin to manage Car Owner Profiles | | |
| **Actors** Admin | | |
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| **Preconditions** | | |
| The Admin must log in the system | | |
| **Flows of Events:** | | |
| 1. Basic Flows | | |
| **1.1.0 Review and approve Profiles of Car Owner** | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | The admin selects to view pending Profile of Car Owner | The system returns a list of all pending Car Owner Profiles |
| 2 | The admin selects the profile that he wants to review | The system gets and displays details of selected Car Owner profile |
| 3 | The admin approves and saves the profile | The system changes the state of profile and saves the profile in system.  The system returns a success or fail of this action |
| **Postconditions** | | |
| The Car Owner profile is updated and saved in DB | | |
| **Business Rules** | | |
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| **Use Case Number**: 2 | | |
| **Name** CarProfile | | |
| **Brief description** This use case allows Admin to manage Car Profiles | | |
| **Actors** Admin | | |
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| **Preconditions** | | |
| The Admin must log in the system | | |
| **Flows of Events:** | | |
| 1. Basic Flows | | |
| **1.1.0 Review and approve Profiles of Car** | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | The admin selects to view pending Profile of Car | The system returns a list of all pending Car Profiles |
| 2 | The admin selects the profile that he wants to review | The system gets and displays details of selected Car profile |
| 3 | The admin approves and saves the profile | The system changes the state of profile and saves the profile in system.  The system returns a success or fail of this action |
| **Postconditions** | | |
| The Car profile is updated and saved in DB and the car is ready for rental | | |
| **Business Rules** | | |
| The car is only 5 years old from the date is approved | | |
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| **Use Case Number**: 3 | | |
| **Name** Car Owner profile | | |
| **Brief description** This use case allows Car Owner to add, and edit their profile | | |
| **Actors** CarOwner | | |
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| **Preconditions** | | |
| The Car Owner must log in the system | | |
| **Flows of Events:** | | |
| 1. Basic Flows | | |
| **1.1.0 Add a Car Owner profile** | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | The Car Owner selects to create a new profile | The system displays a Car Owner Profile form with fields: first name, last name, DOB, email, phone, address and bank account. |
| 2 | The Car Owner fills out and submit the form | The system validates required fields, verifies there is no other profile the same requested one, saves the profile with pending status in DB.  The system returns a success or fail. |
| **Postconditions** | | |
| The Car Owner profile is persistent in DB | | |
| **Business Rules** | | |
| There is no duplication of Car Owner profile: no duplication of email, bank account. | | |
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| **1.1.1 Edit an existing Car Owner profile** | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | The Car Owner gets their profile | The system displays Car Owner Profile form a full info of first name, last name, DOB, email, phone, address and bank account. |
| 2 | The Car Owner selects to update fields they want to change, and submit the changes to the system | The system validates updated fields, saves the profile with pending status in DB.  The system returns a success or fail. |
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| **Postconditions** | | |
| The system will save changes of Car Owner profile in DB | | |
| **Business Rules** | | |
| There is no duplication of Car Owner profile after changed: no duplication of email, bank account. | | |
| The Car Owner status will be changed to pending and waiting for Admin to approve. | | |

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| **Use Case Number**: 4 | | |
| **Name** Car profile | | |
| **Brief description** This use case allows Car Owner to add, edit and delete their cars | | |
| **Actors** CarOwner | | |
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| **Preconditions** | | |
| The Car Owner must log in the system | | |
| **Flows of Events:** | | |
| 1. Basic Flows | | |
| **1.1.0 Add a Car profile** | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | The Car Owner selects to create a new Car profile | The system displays a Car Profile form with fields: car name, model, manufacturer, year of manufacturing, rental price. |
| 2 | The Car Owner fills out and submit the form | The system validates required fields, saves the car profile with pending status in DB.  The system returns a success or fail. |
| **Postconditions** | | |
| The Car profile with its rental price is saved in DB | | |
| **Business Rules** | | |
| One Car Owner can add one or more Car profiles (same model, same manufacturer, etc) | | |
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| **1.1.1 Edit an existing Car profile** | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | The Car Owner gets a list of their Car profiles | The system displays Car Profile list. |
| 2 | The Car Owner select a Car they want to update | The system displays Car Profile form with a full info |
| 3 | The Car Owner selects to update fields they want to change, and submit the changes to the system | The system validates updated fields, saves the profile with pending status in DB.  The system returns a success or fail. |
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| **Postconditions** | | |
| The system will save changes of Car profile in DB | | |
| **Business Rules** | | |
| The Car profile status will be changed to pending and waiting for Admin to approve. | | |
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| **1.1.2 Delete an existing Car profile** | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | The Car Owner gets a list of their Car profiles | The system displays Car Profile form a full info |
| 2 | The Car Owner select a Car they want to delete | The system shows a confirmation of Car profile |
| 3 | The Car Owner confirms to delete | The system deletes the profile from DB.  The system returns a success or fail. |
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| **Postconditions** | | |
| Car profile is not existing in DB | | |
| **Business Rules** | | |
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| **Use Case Number**: 5 | | |
| **Name** Search for a car offers | | |
| **Brief description** Customer can browse available cars. | | |
| **Actors** Customer | | |
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| **Preconditions** | | |
| The system must have cars in the DB. | | |
| **Flows of Events:** | | |
| 1. Basic Flows | | |
| **1.1.0 Browse car offers** | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | The customer opens the “home” page. | The System shows the list of cars available. |
| **Postconditions** | | |
| The system will display the list of cars available. | | |
| **Business Rules** | | |
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| **Use Case Number**: 6 | | |
| **Name** Select a car offer. | | |
| **Brief description** Customer can select a car and finish the rental process. | | |
| **Actors** Customer | | |
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| **Preconditions** | | |
| The system must have cars in the DB, the customer must to be logged in. | | |
| **Flows of Events:** | | |
| 1. Basic Flows | | |
| **1.1.0 Browse car offers** | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | User click on one displayed car. | The system opens a detail page. |
| 2 | The customer input the necessary data to proceed the renal and clicks “confirm” button. | The system shows a payment page. |
| 3 | The customer inputs the payment data and clicks “finish”. | The system shows the confirmation page. |
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| **Postconditions** | | |
| The system process the payment, the rental and shows the confirmation. | | |
| **Business Rules** | | |
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