**Name:** Group 4

**CarRentalManagementSystem: Use Case Description**

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| **Use Case Number: 3** | | | |
| **Name** | | Book a car | |
| **Brief description** | | This use case allows the customer to book a car | |
| **Actors** | | Customer | |
| **Preconditions** | | | |
| The customer has only to browse the system | | | |
| **Flows of Events** | | | |
| **1. Basic Flows** | | | |
| **1.1.0 Book a car** | | | |
| **Step** | **User Actions** | | **System Actions** |
| 1 | The customer enters the system or browse it. | | The system displays the form that the customer has to fill the requested information. |
| 2 | The Customer fills out the form like the date he need to book the car fro which date to which date. | | The system replies by showing the customer the available cars to book on the selected dates. |
| 3 | The customer chooses a convenient car, by clicking on book button | | The system has to redirect the customer to the payment form |
| 4 | The customer fills the payment form like the credit card number, the expiration date of the card, the name of the customer…. | | The system has to verify the information inserted, if everything works fine, the customer will receive a message of confirmation, included all the details from the amount paid to the car information and date booked. |
| **Postconditions** | | | |
| The booking record is persisted in the system | | | |
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| **Business Rules** | | | |
| If the customer that already booked a car, if he delayed to return it back, he has to pay fees determined by the admin or employee.  The system will ask the user in the form payment about his birthday, to check if he’s older than 18 years old.  When the customer book a car, we will save the history, and send one to the customer so he can provide it when he come to take the car personally.  The system has to validate the forms, like at least if the customer fill the right required information in any form. | | | |