**Name:** Group 4

**CarRentalManagementSystem: Use Case Description**

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| **Use Case Number: 3** | | | |
| **Name** | | Manage Rental Process | |
| **Brief description** | | This use case allows the employees to approve the booking of customers when the customers receives the rental cars. | |
| **Actors** | | Employee | |
| **Preconditions** | | | |
| The employee must logged in to the system | | | |
| **Flows of Events** | | | | |
| **3. Basic Flows** | | | | |
| **3.3.0 Approve Rental** | | | | |
| **Step** | **User Actions** | | **System Actions** | |
| 1 | The Employee selects the ‘Approve Rental menu | | The system displays a search form for Bookings with the field of Booking ID. | |
| 2 | The Employee fills out the search form for Bookings and requests the system to search | | The system verifies that there is a booking record in the database with the same booking ID and displays the booking information of that booking ID. | |
| 3 | The Employee selects the ‘Approve’ command’ | | The system updates the booking and the rental car status in the database and displays a success message or failed message on exception. | |
| **Postconditions** | | | | |
| The booking and rental car status will be updated | | | | |
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| **Business Rules** | | | | |
| There must be one search result of the booking ID | | | | |
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| **3.3.1Cancel Rental** | | | | |
| **Step** | **User Actions** | | **System Actions** | |
| 1 | The Employee selects the ‘Cancel Rental menu | | The system displays a search form for Bookings with the field of Booking ID. | |
| 2 | The Employee fills out the search form for Bookings and requests the system to search | | The system verifies that there is a booking record in the database with the same booking ID and displays the booking information of that booking ID. | |
| 3 | The Employee selects the ‘Cancel Booking’ command’ | | The system deletes the booking information in the database and refund a payment. Then it displays a success message or failed message on exception. | |
| **Postconditions** | | | | |
| The booking information is deleted, and refund is made. | | | | |
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| **Business Rules** | | | | |
| There cancelation of booking must be done after a refund is made successfully. | | | | |

//--------for later

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| **Use Case Number: 4** | | | |
| **Name** | | View Rental Report | |
| **Brief description** | | This use case allows the employees to generate daily and monthly rental reports. | |
| **Actors** | | Employee, Admin | |
| **Preconditions** | | | |
| The employee must logged in to the system | | | |
| **Flows of Events** | | | | |
| **4. Basic Flows** | | | | |
| **4.4.0 View Daily Rental Reports** | | | | |
| **Step** | **User Actions** | | **System Actions** | |
| 1 | The Employee or Administrator selects the ‘View Daily Rental Report’ command | | The system displays report form with the fields of date. | |
| 2 | The Employee fills out the report by entering a date and requests the system to generate report. | | The system verifies that there is a rental record in the database with the same date and displays a report of rentals of that day. | |
| **Postconditions** | | | | |
| A daily rental report is generated | | | | |
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| **Business Rules** | | | | |
| Rental report should only include the rental records of the specified date | | | | |
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| **4.4.1 View Monthly Rental Reports** | | | | |
| **Step** | **User Actions** | | **System Actions** | |
| 1 | The Employee or Administrator selects the ‘View Monthly Rental Report’ command | | The system displays report form with the fields of month. | |
| 2 | The Employee fills out the report by entering a month and requests the system to generate report. | | The system verifies that there is a rental record in the database with the same month and displays a report of rentals of that month. | |
| **Postconditions** | | | | |
| A monthly rental report is generated | | | | |
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| **Business Rules** | | | | |
| Rental report should only include the rental records of the specified month | | | | |