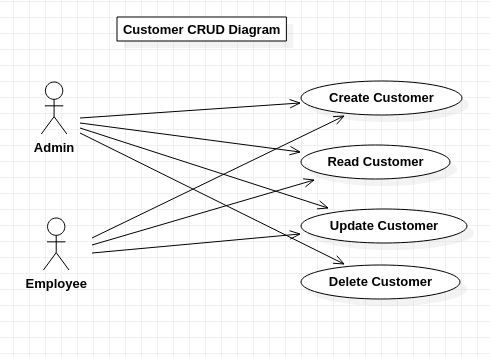
**Name:** Luiz Fernando de Andrade Gadelha

**CarRentMIU: Use Case Description**

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| --- | --- | --- | --- |
| **Use Case Number: 1** | | | |
| **Name:** Customer Profile CRUD | | | |
| **Brief description:** This use case allows the as=dmin to create profiles for Customers | | | |
| **Actor:** Admin, Employee | | | |
|  | | | |
| **Preconditions** | | | |
| The Admin or Employee must be logged in to the system | | | |
| **Flow of Events:** | | | |
| **1.Basic Flows** | | | |
| **1.1.0 Create Customer Profile** | | | |
| **Step** | **User Action** | **System Action** | |
| **1** | The Admin or Employee calls the create Customer profile command | The system displays the Customer profile form with the fields for firstname, lastname, email, password, drivers license number | |
| **2** | The Admin or Employee fills out the form and request the system to save | The system verifies that there’s no other profile in the database with the same driver license number and saves the Customer and returns the success message on success or a fail message in case of failure. In case another profile exists with the driver's license number, the system returns the message indicating a duplicate entry exists. | |
| **Postconditions** | | | |
| The Customer profile is persisted in the system | | | |
|  | | | |
| **Business Rules** | | | |
| Noduplicates customer profiles. A unique profile is identified by drivers license number | | | |
|  | | | |
| **1.1.1 Read/view Customer profile** | | | |
| **Step** | **User Action** | **System Action** | |
| **1** | The Admin or Employee selects to view a list of faculty profiles | The system returns a list of all Customers profiles. | |
| **2** | The Admin selects to view a profile of one of the customers from the list of profiles | The system returns the profile of the Customers as a string with the names (firstname and lastname), email, and drivers license | |
| **1.1.2 Update Customer Profile** | | | |
| **Step** | **User Action** | **System Action** | |
| **1** | The Admin or Employee selects to view a list of faculty profiles | The system returns a list of all customers profiles | |
| **2** | The Admin or Employee Selects the profile of the faculty they  want to update | The system displays an editable customer profile form pre-populated with the customer profile details | |
| **Postconditions** | | | |
| The Customer profile will be updated | | | |
|  | | | |
| **Business Rules** | | | |
| The Drivers license number should be non writable | | | |
| **1.1.3 Delete Customer Profile** | | | |
| **Step** | **User Action** | **System Action** | |
| **1** | The Admin selects to view a list of customers profiles | The system returns a list of all faculty profiles. | |
| **2** | The Admin selects to delete a customer profile from a list of customer profiles | The system displays a confirmation dialogue  window | |
| **3** | The Admin selects OK on the confirmation dialog window to confirm deleting the profile | The system confirms that the customer was deleted. The system returns a success message on success or a failure message. The system should return a message indicating the profile could not be deleted because it is already assigned to some car rent | |
| **Postconditions** | | | |
| The Customer profile will be deleted | | | |
|  | | | |
| **Business Rules** | | | |
| Only customers not assigned to any car rent and with no fine can be deleted | | | |
|  | | | |

**USE CASE DIAGRAM - CUSTOMER CRUD DIAGRAM**

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