Use Case Document – CIT360

# **Use Case Description**

Use Case Document – Specifically, Use Case documents provide or illustrate a storyboard of sorts which shows how a system and a user both interact. Additionally, it demonstrates some or all of the probable actions that user might take with regards to the system that it is operating on. In this scenario, we’re going to be referring to a cake bakery, and all of the various choices that a user navigating the company website might have whilst ultimately looking to buy a cake.

Every Use Case Document is very different depending on who the actors, users, or the systems involved within it. I am using it to illustrate a Car Dealer application.

I learned that understanding this style of documentation is import because it helps one to understand the usefulness of properly planning out and utilizing a planning methodology in order to best illustrate everything that we’re working on. Agile, or other planning methodologies are important to use in concert because they only serve to increase user satisfaction and create a better end result, while keeping everyone on the team on track.

# **Use Cases**

* 1. Use Case 1: Add Client

|  |  |
| --- | --- |
| Use Case ID: UC- 1 | |
| Actor | Sales Agent |
| Description | The sales agent adds a new client to the database |
| Preconditions | 1. User’s identity has been authenticated |
| Postconditions | A new client is created |
| Normal Course | 1. User select client option from manage menu 2. User click add button from client list window. 3. User provides the first name, last name, phone, address, and age information. 4. User saves the new client |
| Exceptions | 1. System blocks creating a duplicated client 2. User do not provide all required information. |

* 1. Use case 2: Edit Client

|  |  |
| --- | --- |
| Use Case ID UC- 2 | |
| Actor | Sales Agent |
| Description | The sales agent edits an existing Client in the Clients database |
| Preconditions | 1. User’s identity has been authenticated 2. The Client exists in the system |
| Postconditions | An existing Client is edited |
| Normal Course | 1. User select client option from manage menu. 2. User select the client to edit. 3. User click Edit button from client list window. 4. User edits one or more fields: first name, last name, phone, address, and age. 5. User saves the edited Client |
| Exceptions | 1. User leave some required information empty. |

* 1. Use case 3: Deleting Client

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| --- | --- |
| Use Case ID: UC- 3 | |
| Actor | Sales Agent |
| Description | The sales agent removes an existing Client in the database |
| Preconditions | 1. User’s identity has been authenticated 2. User is authorized to edit Clients 3. The Client exists in the system |
| Postconditions | An existing Client is deleted |
| Normal Course | 1. User select client option from manage menu. 2. User select the client to delete. 3. User click Delete button from client list window. |
| Exceptions |  |

* 1. Use Case 4: Add Vehicle

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| --- | --- |
| Use Case ID: UC- 1 | |
| Actor | Sales Agent |
| Description | The sales agent adds a new Vehicle to the database |
| Preconditions | 1. User’s identity has been authenticated |
| Postconditions | A new Vehicle is created |
| Normal Course | 1. User select Vehicle option from manage menu 2. User click add button from Vehicle list window. 3. User provides the model, brand, year, color, price, stock and Information. 4. User saves the new Vehicle |
| Exceptions | 1. System blocks creating a duplicated Vehicle 2. User do not provide all required information. |

* 1. Use case 5: Edit Vehicle

|  |  |
| --- | --- |
| Use Case ID UC- 2 | |
| Actor | Sales Agent |
| Description | The sales agent edits an existing Vehicle in the Clients database |
| Preconditions | 1. User’s identity has been authenticated 2. The Vehicle exists in the system |
| Postconditions | An existing Vehicle is edited |
| Normal Course | 1. User select Vehicle option from manage menu. 2. User select the Vehicle to edit. 3. User click Edit button from Vehicle list window. 4. User provides the model, brand, year, color, price, stock and Information. 5. User saves the edited Vehicle |
| Exceptions | 1. User leave some required information empty. |

* 1. Use case 6: Deleting Vehicle

|  |  |
| --- | --- |
| Use Case ID: UC- 3 | |
| Actor | Sales Agent |
| Description | The sales agent removes an existing Vehicle in the database |
| Preconditions | 1. User’s identity has been authenticated 2. The Vehicle exists in the system |
| Postconditions | An existing Vehicle is deleted |
| Normal Course | 1. User select Vehicle option from manage menu. 2. User select the Vehicle to delete. 3. User click Delete button from Vehicle list window. |
| Exceptions |  |

* 1. Use Case 7: New Sale

|  |  |
| --- | --- |
| Use Case ID: UC- 1 | |
| Actor | Sales Agent |
| Description | The sales agent adds a new Sale to the database |
| Preconditions | 1. User’s identity has been authenticated |
| Postconditions | A new Sale is recorded |
| Normal Course | 1. User select Sale option from manage menu 2. User click add button from Sale list window. 3. User select proper Client from Client’s list box. 4. User select proper Vehicle from Vehicle’s list box. 5. User provides the discount percent. 6. User select the sales date. 7. User click OK button to save the new Sale. |
| Exceptions | 1. User do not provide all required information. |