**AcmeCorpAPI – Unit Tests**

**Use Case ID: UC\_01\_CUSTOMER**

**Test Cases TC01:**

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| --- | --- |
| **Purpose:** | User is able to create a Customer. |
| **Steps:** | To verify that the User clicks on “POST” API, User enter details such as Name, Phone, Email, Address and Bearer Token. User clicks on “Execute” |
| **Expected Result:** | Customer is created and the system displays a message a success return having the message “Customer has been created successfully” |
| **Actual Result:** | Customer is created by user. |

**Test Cases TC02:**

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| --- | --- |
| **Purpose:** | User is able to create a contact information of customer being created. |
| **Steps:** | To verify that the when User creates a Customer entering details, His/Her contact information is also saved/created. |
| **Expected Result:** | Customer and its contact information is created and the system displays a message a success return having the message “Customer has been created successfully” |
| **Actual Result:** | Customer and its contact information is created in the system. |

**Test Cases TC03:**

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| --- | --- |
| **Purpose:** | User is unable to create a user in the system. |
| **Steps:** | To verify that when User creates a customer but it is not getting created. When User clicks “Execute” after entering details of previous customer, it is not created. |
| **Expected Result:** | The system displays a message “Customer Already exists” |
| **Actual Result:** | Customer is not created due to already existing in the system. |

**Use Case ID: UC\_02\_CUSTOMER**

**Test Cases TC01:**

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| --- | --- |
| **Purpose:** | User is able to get details of all customers. |
| **Steps:** | To verify that the User clicks on “GET” API (Get Customers). Enters the Bearer Token. User clicks on “Execute”. |
| **Expected Result:** | The system displays success message and details of all customers registered in the system. |
| **Actual Result:** | User fetches all customers existing in the system. |

**Test Cases TC02:**

|  |  |
| --- | --- |
| **Purpose:** | User is not able to get details of all customers. |
| **Steps:** | To verify that the User clicks on “GET” API (Get Customers). User clicks on “Execute”. |
| **Expected Result:** | The system displays throws an exception within the system. |
| **Actual Result:** | User is not able to fetch all customers existing in the system. |

**Use Case ID: UC\_03\_CUSTOMER**

**Test Cases TC01:**

|  |  |
| --- | --- |
| **Purpose:** | User is able to get detail of one customer. |
| **Steps:** | To verify that the User clicks on “GET” API (Get Customer by ID). User enters the ID of customer. Enter the Bearer Token. User clicks on “Execute”. |
| **Expected Result:** | The system displays success message and the detail of that customer registered in the system. |
| **Actual Result:** | User fetches details of that one customer existing in the system. |

**Test Cases TC02:**

|  |  |
| --- | --- |
| **Purpose:** | User is not able to get detail of one customer. |
| **Steps:** | To verify that the User clicks on “GET” API (Get Customer by ID). User enters the ID of customer. User clicks on “Execute”. |
| **Expected Result:** | The system displays a Bad Request message “Customer doesnt exist” |
| **Actual Result:** | User is not able to fetch one customer’s detail existing in the system. |

**Use Case ID: UC\_04\_CUSTOMER**

**Test Cases TC01:**

|  |  |
| --- | --- |
| **Purpose:** | User is able to update the customer details. |
| **Steps:** | To verify that the User clicks on “PUT” API (Update Customer by ID). User enters the ID of customer. Enter alters the customer details. Enters the Bearer Token. User clicks on “Execute”. |
| **Expected Result:** | The system displays success message and the detail of that customer is updated in the system. |
| **Actual Result:** | User updates the detail of that customer existing in the system. |

**Test Cases TC02:**

|  |  |
| --- | --- |
| **Purpose:** | User is able to update the contact information of the customer. |
| **Steps:** | To verify that the User clicks on “PUT” API (Update Customer by ID). User enters the ID of customer. Enter alters the customer details. User clicks on “Execute”. |
| **Expected Result:** | The system displays success message and the contact information of that customer is also updated in the system. |
| **Actual Result:** | User updates the contact information of that customer existing in the system. |

**Use Case ID: UC\_05\_CUSTOMER**

**Test Cases TC01:**

|  |  |
| --- | --- |
| **Purpose:** | User is able to delete the customer |
| **Steps:** | To verify that the User clicks on “DELETE” API (Delete Customer by ID). User enters the ID of customer. Enters the Bearer Token. User clicks on “Execute”. |
| **Expected Result:** | The system displays success message “Successfully deleted” and customer is deleted in the system. |
| **Actual Result:** | User deletes the customer in the system. |

**Test Cases TC02:**

|  |  |
| --- | --- |
| **Purpose:** | User is not able to delete the customer |
| **Steps:** | To verify that the User clicks on “DELETE” API (Delete Customer by ID). User enters the ID of customer. User clicks on “Execute”. |
| **Expected Result:** | The system displays Not Found message “Customer doesnt exist”. |
| **Actual Result:** | User can’t delete the customer. |

**Use Case ID: UC\_06\_CUSTOMER**

**Test Cases TC01:**

|  |  |
| --- | --- |
| **Purpose:** | User is able to delete contact information of the customer. |
| **Steps:** | To verify that the User clicks on “DELETE” API (Delete Customer by ID). User enters the ID of customer. User clicks on “Execute”. |
| **Expected Result:** | The system displays success message “Successfully deleted” and contact information of the customer is also deleted in the system. |
| **Actual Result:** | User deletes contact information of the customer. |

**Test Cases TC02:**

|  |  |
| --- | --- |
| **Purpose:** | User is not able to delete contact information of the customer. |
| **Steps:** | To verify that the User clicks on “DELETE” API (Delete Customer by ID). User enters the ID of customer. User clicks on “Execute”. |
| **Expected Result:** | The system displays Not Found message “Customer doesnt exist”. |
| **Actual Result:** | User can’t delete contact information of the customer. |

**Use Case ID: UC\_01\_ORDER**

**Test Cases TC01:**

|  |  |
| --- | --- |
| **Purpose:** | User is able to get details of all orders. |
| **Steps:** | To verify that the User clicks on “GET” API (Get Order). User clicks on “Execute”. |
| **Expected Result:** | The system displays success message and details of all orders in the system. |
| **Actual Result:** | User fetches all orders. |

**Test Cases TC02:**

|  |  |
| --- | --- |
| **Purpose:** | User is not able to get details of all orders. |
| **Steps:** | To verify that the User clicks on “GET” API (Get Order). User clicks on “Execute”. |
| **Expected Result:** | The system displays throws an exception within the system. |
| **Actual Result:** | User fails to fetch all orders. |

**Use Case ID: UC\_02\_ORDER**

**Test Cases TC01:**

|  |  |
| --- | --- |
| **Purpose:** | User is able to get detail of one order. |
| **Steps:** | To verify that the User clicks on “GET” API (Get Order by ID). User enters the ID of the order. User clicks on “Execute”. |
| **Expected Result:** | The system displays success message and detail of the order in the system. |
| **Actual Result:** | User fetches the order details. |

**Test Cases TC02:**

|  |  |
| --- | --- |
| **Purpose:** | User is not able to get detail of one orders. |
| **Steps:** | To verify that the User clicks on “GET” API (Get Order by ID). User enters the ID of the order. User clicks on “Execute”. |
| **Expected Result:** | The system displays Not Found message “Order doesnt exist”. |
| **Actual Result:** | User fails to fetch detail of the order. |

**Use Case ID: UC\_01\_LOGIN**

**Test Cases TC01:**

|  |  |
| --- | --- |
| **Purpose:** | User is able to login in the system. |
| **Steps:** | To verify that the User clicks on “POST” API of Account Login, User enter details such as username, password and role. User clicks on “Execute” |
| **Expected Result:** | User is logged in and gets a JWT token in response. |
| **Actual Result:** | Customer is logged in the syste. |

**Test Cases TC02:**

|  |  |
| --- | --- |
| **Purpose:** | User is not able to login in the system. |
| **Steps:** | To verify that the User clicks on “POST” API of Account Login, User enter details such as username, password and role. User clicks on “Execute” |
| **Expected Result:** | User isn’t logged and gets response of 404. |
| **Actual Result:** | User fails to log in the system. |

**Test Cases TC03:**

|  |  |
| --- | --- |
| **Purpose:** | User is able to use JWT Token generated on login. |
| **Steps:** | To verify that the User clicks on “POST” API of Account Login, User enter details such as username, password and role. User clicks on “Execute” |
| **Expected Result:** | The system displays a JWT token to use it for authorization |
| **Actual Result:** | User is able to use the JWT Token. |