### Unit Test Cases

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| Type | Github ID | Subject | Test Name | Test Description | Step Name | Description | Expected Result |
| Manual |  | Electric Supply Customer Management System | Check Successful Login for **ESCMS.** | The purpose of this test is to verify that the User Id and Password of user is valid. | Step1 | Insert wrong User Id and Password. And Click on Login Button. | **ESCMS** will display error message. And Failed to Login. |
|  |  |  |  |  | Step2 | Insert Wrong User Id and valid Password. And Click on Login Button. | **ESCMS** will display error message. And Failed to Login. |
|  |  |  |  |  | Step3 | Insert Valid User Id and Wrong Password. And Click on Login Button. | **ESCMS** will display error message. And Failed to Login. |
|  |  |  |  |  | Step4 | Insert Nothing in User Id and Password fields. And Click on Login Button. | **ESCMS** will display error message. And Failed to Login. |
|  |  |  |  |  | Step5 | Insert Nothing in User Id and insert Valid Password fields. And Click on Login Button. | **ESCMS** will display error message. And Failed to Login. |
|  |  |  |  |  | Step6 | Insert Nothing in Password and insert Valid User Id fields. And Click on Login Button. | **ESCMS** will display error message. And Failed to Login. |
|  |  |  |  |  | Step7 | Insert Nothing in User Id and insert invalid Password fields. And Click on Login Button. | **ESCMS** will display error message. And Failed to Login. |
|  |  |  |  |  | Step8 | Insert Nothing in Password and insert invalid User Id fields. And Click on Login Button. | **ESCMS** will display error message. And Failed to Login. |
|  |  |  |  |  | Step9 | Insert valid User Id and Password. And Click on Login Button. | Successfully login. |
| Manual |  | Electric Supply Customer Management System | Check Successful Cancel for **ESCMS.** | The purpose of this test is to verify that close Login Window. | Step1 | Click on Cancel link. | Successfully Cancel. |
| Manual |  | Electric Supply Customer Management System | Check Customer Details for **ESCMS.** | The purpose of this test is to verify that the all new customer could be **Add** in ESCMS. | Step1 | Add by enter the CustomerID,Name,  Address and  Contact No. of the customer and submit the details. | New Customer will add in ESCMS. |
|  |  |  |  | The purpose of this test could be **View** all customerdetailsin ESCMS. | Step2 | To Show the Customer details. | Successfully displayed. |
|  |  |  |  | The purpose of this test is to verify that the selected customer could be **Edit** in ESCMS DB. | Step3 | Select the Customer Details and click the Edit option. Now edit the Customer Details and submit the details. | Connection details successfully updated. |
|  |  |  |  | The purpose of this test is to **Delete** that the selected customer from ESCMS. | Step4 | Select the Customer and click the Delete option. | Customer account successfully deleted. |
|  |  |  |  | The purpose of this test is to **Search** the customerfrom customer details in ESCMS. | Step5 | Entered Customer ID/Customer Name/Customer Address and Click on the search option. | Successfully Displayed. |
|  |  |  |  | The purpose of this test is to close the customer Browser windowin ESCMS. | Step6 | Click **Cancel** to close Customers window. | Successfully Closed. |
| Manual |  | Electric Supply Customer Management System | Check Payment Details for **ESCMS.** | The purpose of this test is to verify that the all new payment of customercould be **Add** in ESCMS. | Step1 | Add by enter the Payment ID, Name ,  Amount & date of payment of the customer and submit the details. | New Payment will add in ESCMS. |
|  |  |  |  | The purpose of this test is to verify that the all payment details of customer could be **View** in ESCMS. | Step2 | To Show the Customer Payment details. | Successfully displayed. |
|  |  |  |  | The purpose of this test is to verify that the selected payment of customer could be **Edit** in ESCMS. | Step3 | Select customer Details and click the Edit option. Now edit the Customer Details and submit the details. | Connection details successfully updated. |
|  |  |  |  | The purpose of this test is to **Delete** that the selected customer payment details could be **Delete** in ESCMS. | Step4 | Select the Customer and click the Delete option. | Payment of Customer account successfully deleted. |
|  |  |  |  | The purpose of this test is to close the payment windowin ESCMS. | Step5 | Click **Cancel** to close Customers window. | Successfully Closed. |
| Manual |  | Electric Supply Customer Management System. | Check New Connection for **ESCMS.** | The purpose of this test is to verify that the all new connection of customercould be **Add** in ESCMS. | Step1 | Add by enter the Payment ID of the customer and submit. | New Customer will add in ESCMS. |
|  |  |  |  | The purpose of this test is to verify that the all customer for new connection could be **View** in ESCMS. | Step2 | To Show the Customer for new connection. | Successfully displayed. |
|  |  |  |  | The purpose of this test is to verify that the selected new connection of customer could be **Edit** in ESCMS. | Step3 | Select customer and click the Edit option. Now edit the Customer Details and submit the details. | Connection details successfully updated. |
|  |  |  |  | The purpose of this test is to **Delete** that the selected customer detailsin ESCMS. | Step4 | Select the Customer and click the Delete option. | successfully deleted. |
|  |  |  |  | The purpose of this test is to close the new connection windowin ESCMS. | Step5 | Click **Cancel** to close connection window. | Successfully Closed. |
| Manual |  | Electric Supply Customer Management System. | Check Estimate & Quotation for **ESCMS**. | The purpose of this test is to **View** that the all estimate & quotation in ESCMS. | Step1 | To Show the estimate & quotation for customer in ESCMS. | Successfully displayed. |
|  |  |  |  | The purpose of this test is to assign estimate for new connection. | Step2 | Select customer and click on Assign Estimator option. Now add name of the estimator and submit the details. | Connection details successfully updated. |
|  |  |  |  | The purpose of this test is to update quotation for new connection. | Step3 | Select customer and click on update quotation option. Now add name of the estimator and submit the details. | Connection details successfully updated. |
|  |  |  |  | The purpose of this test is to close the estimate & quotation windowin ESCMS. | Step4 | Click **Cancel** to close the estimate & quotation window. | Successfully Closed. |
| Manual |  | Electric Supply Customer Management System. | Check work order for **ESCMS**. | The purpose of this test is to **View** contractor details in ESCMS. | Step1 | To Show the contractor details. | Successfully displayed. |
|  |  |  |  | The purpose of this test is to **assign** **contractor** for new connection in ESCMS. | Step2 | Select an information and click on assign contractor option. Now add contractor name and submit the details. | Connection details successfully updated. |
|  |  |  |  | The purpose of this test is to close the work order windowin ESCMS. | Step3 | Click **Cancel** to close the work order window. | Successfully Closed. |
| Manual |  | Electric Supply Customer Management System. | Check setting for **ESCMS.** | The purpose of this test is change password in setting. | Step1 | Enter current password, new password and submit. | Password successfully updated. |
|  |  |  |  | The purpose of this test is to close the setting windowin ESCMS. | Step2 | Click **Cancel** to close the setting window | Successfully closed. |
| Manual |  | Electric Supply Customer Management System. | Check Contractor Bill for **ESCMS.** | The purpose of this test is to **Add Bill** in the Contractor Bill. | Step1 | Enter Date, Contractor Name, Invoice No. of the Contractor and submit. | Bill is successfully generated. |
|  |  |  |  | The purpose of this test is to **Delete Item** from the Contractor Bill. | Step2 | Select the Contractor ID and click the Delete option. | Contractor account successfully deleted. |
|  |  |  |  | The purpose of this test is to **Print Bill** from the Contractor Bill. | Step3 | Print the Bill of the Contractor for paying his remulation. | Successfully print the Bill. |
| Manual |  | Electric Supply Customer Management System. | Check contractor details for **ESCMS.** | The purpose of this test is to verify that the contractor details could be **Add** in ESCMS. | Step1 | Add by enter the Contractor ID, Name, Address, Contact Number of the Contractor and submit. | New Contractor will add in ESCMS. |
|  |  |  |  | The purpose of this test is to **View** contractor details in ESCMS. | Step2 | To Show the contractor details. | Successfully displayed. |
|  |  |  |  | The purpose of this test is to verify that the selected Contractor details could be **Edit** in ESCMS. | Step3 | Select information and click the Edit option. Now edit the Contractor Details and submit the details. | Connection details successfully updated. |
|  |  |  |  | The purpose of this test is to **Delete** that the selected contractor detailsin ESCMS. | Step4 | Select the Contractor details and click the Delete option. | Successfully deleted. |
|  |  |  |  | The purpose of this test is to **Search** the contractor from contractor details in ESCMS. | Step5 | Entered Contractor ID/Name/Address and Click on the search option. | Successfully Displayed. |
|  |  |  |  | The purpose of this test is to close the Contractor windowin ESCMS. | Step6 | Click **Cancel** to close the Contractor window. | Successfully closed. |
| Manual |  | Electric Supply Customer Management System. | Check Employee details for **ESCMS.** | The purpose of this test is to verify that the Employee details could be **Add** in ESCMS. | Step1 | Add by enter the Employee ID, Name, Address, Contact Number of the Employee and submit. | New Employee will add in ESCMS. |
|  |  |  |  | The purpose of this test is to **View** contractor details in ESCMS. | Step2 | To Show the Employee details. | Successfully displayed. |
|  |  |  |  | The purpose of this test is to verify that the selected Employee details could be **Edit** in ESCMS. | Step3 | Select information and click the Edit option. Now edit the Employee Details and submit the details. | Connection details successfully updated. |
|  |  |  |  | The purpose of this test is to **Delete** that the selected Employee detailsin ESCMS. | Step4 | Select an information and Click on Delete button. | Deleted successfully. |
|  |  |  |  | The purpose of this test is to **Search** the employee from employee details in ESCMS. | Step5 | Entered Employee ID/Name/Address and Click on the search option. | Successfully Displayed |
|  |  |  |  | The purpose of this test is to close the Employee windowin ESCMS. | Step6 | Click **Cancel** to close the Employee window. | Successfully closed. |
| Manual |  | Electric Supply Customer Management System. | Report Generation in **ESCMS.** | The purpose of this test about Application received in certain time. |  | Show the Details about Application received in certain time. | Successfully displayed. |
| Manual |  | Electric Supply Customer Management System. | Exit from main window in **ESCMS.** | The purpose of this test is to Exit from main windowin ESCMS. | Step1 | Click **Exit** to close the main window. | Successfully closed. |