

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
TC01	Verify that the ReportView window is displayed correctly	1. Open the Retail Billing System. 2. Navigate to the Reports section. 3. Check if the ReportsView window is displayed.	None (It's more about the initial state of the application, making sure the window is visible).	The ReportsView window should be visible and properly formatted.	As expected. ReportView window is visible and properly formatted	Pass
TC02	check the functionality of the "Search" button	1. Open the Retail Billing System. 2. Navigate to the Reports section. 3. Set valid start and end dates in the date entry fields. 4. Click the "Search" button.	Entering Valid start and end dates to display report	The ReportsView should update with sales data based on the selected date range.	As expected. ReportView window is able to update with sales data on selected data range	Pass
TC03	Check if the TreeView in the "Daily Sale Summary" tab is populated.	1. Open the Retail Billing System. 2. Navigate to the Reports section. 3. Perform a search with a valid date range. 4. Switch to the "Daily Sale Summary" tab	Valid date range with sales data	The ReportView should display daily sale summary information.	As expected. The ReportView displayed the sales information (Date, quantity, total, pst and gst)	Pass
TC04	Verify the correct display of data in the "Category" tab	1. Open the Retail Billing System. 2. Navigate to the Reports section. 3. Perform a search with a valid date range. 4. Switch to the "Category" tab	Valid date range with sales data	The ReportView should display category-wise sales information.	As expected. The ReportView displayed the sales information (Category, quantity, total, pst and gst)	Pass
TC05	Verify the correct display of data in the "Daily Sale List" tab.	1. Open the Retail Billing System. 2. Navigate to the Reports section. 3. Perform a search with a valid date range. 4. Switch to the "Daily Sale List" tab	Valid date range with sales data	The ReportView should display a list of daily sales with details.	As expected. The ReportView displayed the daily sales list (order id, time, payment, subtotal and total)	Pass
TC06	Verify the handling of invalid date ranges.	1. Open the Retail Billing System. 2. Navigate to the Reports section. 3. Enter an end date that is earlier than the start date. 4. Click the "Search" button.	Invalid date range. e.g Start Date: 2023-11-15 End Date: 2023-11-10	The application should display an error message and prevent the generation of reports	As expected. Error message is displayed	Pass
TC07	Test the modularity of the code by switching between tabs.	1. Open the Retail Billing System. 2. Navigate to the Reports section. 3. Perform a search with a valid date range. 4. Switch between the "Daily Sale Summary," "Category," and "Daily Sale List" tabs.	Valid date range with sales data	Each tab should display the corresponding type of sales data.	As expected. Each tab displays its corresponding tabs	Pass
TC08	Check the handling of past years date range	1. Open the Retail Billing System. 2. Navigate to the Reports section. 3. Perform a search with a data range with no order. 4. Switch between the tabs.	Date range with past years e.g Start Date: 2022-11-15 End Date: 2022-11-30	Should Display an appropriate message indicating no sales data	Did not display an error message	Fail