

Field	Details
Project Name	Customer Management Application
Application URL	http://sumany.pythonanywhere.com
Version / Build	v1.0 [Initial Release]
Modules Tested	Login, Logout, Search, Dashboard, Navigation Menu
Test Type	Functional Testing (Manual and Automation)
Test Execution Period	Start Date: 12/08/2025 – End Date: 03/09/2025
Test Environment	Windows 10, Chrome v128.0, PythonAnywhere hosted app
Total Test Scenarios	20
Total Test Cases	19
Executed Test Cases	19
Passed	18
	1 (SC-20 – Unauthorized Access defect)
Blocked/Not Executed	1 (SC-06 skipped due to defect DE-01)
Total Defects Raised	2 (DE-01, DE-02)
Defects Severity Distribution	High – 1, Medium – 1
Defects Priority Distribution	High – 2
Overall Test Result	Partially Passed (Functional flow works, but Security defect found)

[illegible]

Module	Scenario ID	Scenario Name	Scenario Description	Defect-Id
Login	SC-01	Valid Login	Verify that user can log in with valid credentials	
Login	SC-02	Invalid Login	Verify that login fails when incorrect password is entered	
Search	SC-03	Validation of Search by Customer Name	Verify correct records are displayed when searched using customer name.	
Search	SC-04	Validation of Search by Customer Phone Number	Verify correct records are displayed when searched using phone number.	
Search	SC-05	Validation of Search by Customer Service	Verify correct records are displayed when searched using customer service	
Search	SC-06	Validation of Search by Employee Name	Verify that searching by Employee works as expected. Table column should match search bar label.	DE-01
Search	SC-07	Validation of Search by Task Id	Verify correct records are displayed when searched using task Id.	
Search	SC-08	Clear Search Button	Verify that the Clear Search button resets the search results and displays the default records.	
Logout	SC-09	Verify Logout functionality	Ensure that when a logged-in user clicks the Logout button, the system successfully logs them out and redirects them to the login page.	
Dashboard	SC-10	Verify Total Customers widget redirects correctly	On clicking the Total Customers widget, user should be redirected to the Customers list page.	
Dashboard	SC-11	Verify Tasks widget redirects correctly	On clicking the Tasks widget, user should be redirected to the Tasks list page.	
Dashboard	SC-12	Verify Employees widget redirects correctly	On clicking the Employees widget, user should be redirected to the Employees list page.	
Dashboard	SC-13	Verify Payments widget redirects correctly	On clicking the Payments widget, user should be redirected to the Payments page.	
Navigation Menu	SC-14	Verify New Leads navigation	Ensure that clicking on "New Leads" redirects user to the New Leads page.	
Navigation Menu	SC-15	Verify All Leads navigation	Ensure that clicking on "All Leads" redirects user to the All Leads page.	
Navigation Menu	SC-16	Verify Customers navigation	Ensure that clicking on "Customers" redirects user to the Customers page.	
Navigation Menu	SC-17	Verify Add Services navigation	Ensure that clicking on "Add Services" redirects user to the Add Services page.	
Navigation Menu	SC-18	Verify Add Employee navigation	Ensure that clicking on "Add Employee" redirects user to the Add Employee page.	
Navigation Menu	SC-19	Verify Add Task navigation	Ensure that clicking on "Add Task" redirects user to the Add Task page.	
Navigation Menu	SC-20	Verify Unauthorized access blocked	Ensure that direct URL access without login redirects to Login page.	DE-02

Test Scenario ID	Test case id	Test case description	Prerequisites	Steps to execute	Expected results	Actual results	Pass/Fail	Remarks
SC-01	TC-01	Verify valid login works	User should have a username and password	Step 1: Open browser and navigate to http://sumanvi.pythonanywhere.com. Step 2: Enter valid username and password. Step 3: Click the Login button.	User should be redirected to the dashboard page.	User was successfully redirected to the dashboard page.	Pass	N/A
SC-02	TC-02	Verify that login fails when incorrect password is entered	Application must be accessible.	Step 1: Open browser and navigate to http://sumanvi.pythonanywhere.com. Step 2: Enter valid username and an incorrect password. Step 3: Click the Login button.	Login should fail and Invalid username or password message should be displayed.	Invalid username or password message displayed and login was unsuccessful.	Pass	N/A
SC-03	TC-03	Verify correct records are displayed when searched using customer name	User must be logged in. Application must have customer records.	Step 1: Open browser and navigate to http://sumanvi.pythonanywhere.com. Step 2: Login with valid credentials. Step 3: In the search bar, enter the customer name and press Enter. Step 4: Verify that the search results display only records matching the entered name.	Correct customer records should be displayed.	Correct customer records displayed in the results.	Pass	N/A
SC-04	TC-04	Verify correct records are displayed when searched using customer phone number	User must be logged in Application must have customer records.	Step 1: Open browser and navigate to http://sumanvi.pythonanywhere.com. Step 2: Login with valid credentials. Step 3: In the search bar, enter the phone number and press Enter. Step 4: Verify that the search results display only records matching the phone number.	Correct customer records should be displayed.	Correct customer records displayed in the results.	Pass	N/A
SC-05	TC-05	Verify correct records are displayed when searched using customer service	User must be logged in Application must have customer records	Step 1: Open browser and navigate to http://sumanvi.pythonanywhere.com. Step 2: Login with valid credentials. Step 3: In the search bar, enter the customer services and press Enter. Step 4: Verify that the search results display only records matching the customer services.	Correct customer records should be displayed.	Correct customer records displayed in the results.	Pass	N/A
SC-07	TC-06	Verify correct records are displayed when searched using task id	User must be logged in Application must have customer records	Step 1: Open browser and navigate to http://sumanvi.pythonanywhere.com. Step 2: Login with valid credentials. Step 3: In the search bar, enter the task id and press Enter. Step 4: Verify that the search results display only records matching the entered task id.	Correct customer records should be displayed.	Correct customer records displayed in the results.	Pass	N/A
SC-08	TC-07	Verify that Clear Search button resets search results to default records	User is logged in and on the search page Some records are available by default	/ Step 2: Click on Search button → Verify results for "rohan" are displayed Step 3: Click on Clear Search button	Clear button should reset the search bar to empty and restore default records/ Default records (same as initial page load) should be displayed	Search field cleared successfully and default records were displayed.	Pass	N/A
SC-09	TC-08	Verify that logout redirects user to login page	User is logged in and on the dashboard	Step 1: Click on Logout button from the dashboard Step 2: Observe redirection	User should be redirected to the login page User session should end and cannot access dashboard URL directly without logging in again	User logged out successfully and redirected to the login page.	Pass	N/A
SC-10	TC-09	Verify Total Customers widget redirects correctly	User must be logged in and Dashboard open	Step 1: Locate the Total Customers widget. Step2: Click on the widget.	User is redirected to the Customers list page	User is redirected to the Customers list page	Pass	N/A
SC-11	TC-10	Verify Tasks widget redirects correctly	User must be logged in and Dashboard open	Step 1: Locate the Tasks widget. Step 2: Click on the widget	User is redirected to the Tasks list page	User is redirected to the Tasks list page	Pass	N/A
SC-12	TC-11	Verify Employees widget redirects correctly	User must be logged in and Dashboard open	Step 1: Locate the Employees widget. Step 2: Click on the widget.	User is redirected to the Employees list page	User is redirected to the Employees list page	Pass	N/A
SC-13	TC-12	Verify Payments widget redirects correctly	User must be logged in and Dashboard open	Step 1: Locate the Payments widget. Step 2: Click on the widget.	User is redirected to the Payments page	User is redirected to the Payments page	Pass	N/A
SC-14	TC-13	Verify New Leads navigation	User is logged in and on Dashboard page	Step 1: Navigate to the Dashboard page Step 2: Click on "New Leads" in navigation menu	User is redirected to New Leads page	User is redirected successfully	Pass	N/A
SC-15	TC-14	Verify All Leads navigation	User is logged in and on Dashboard page	Step 1: Navigate to the Dashboard page Step 2: Click on "All Leads" in navigation menu	User is redirected to All Leads page	User is redirected successfully	Pass	N/A
SC-16	TC-15	Verify Customers navigation	User is logged in and on Dashboard page	Step 1: Navigate to the Dashboard page	User is redirected to Customers page	User is redirected successfully	Pass	N/A

				Step 2: Click on "Customers" in navigation menu				
SC-17	TC-16	Verify Add Services navigation	User is logged in and on Dashboard page	Step 1: Navigate to the Dashboard page Step 2: Click on "Add services" in navigation menu	User is redirected to Add Services page	User is redirected successfully	Pass	N/A
SC-18	TC-17	Verify Add Employee navigation	User is logged in and on Dashboard page	Step 1: Navigate to the Dashboard page Step 2: Click on "Add Employee" in navigation menu	User is redirected to Add Employee page	User is redirected successfully	Pass	N/A
SC-19	TC-18	Verify Add Task navigation	User is logged in and on Dashboard page	Step 1: Navigate to the Dashboard page Step 2: Click on "Add Task" in navigation menu	User is redirected to Add Task page	User is redirected successfully	Pass	N/A
SC-20	TC-19	Verify Unauthorized access blocked	User should NOT be logged in..	Step 1: Open browser and directly enter the Dashboard URL Step 2: Verify if system redirects to login page instead of showing Dashboard page.	User should be redirected to Login page.	User is able to access the Dashboard page directly without login	Fail	Major security defect. Authentication bypass allows dashboard access without login.

Defect id	Summary	Description	Steps to reproduce	Expected Result	Actual Result	Severity	Priority
DE-01	Search bar shows "Employee" but table has "Assigned To" column	Search bar allows searching by "Employee," but the table column is named "Assigned To."	Step1: Open the application and navigate to the page containing the employee table.	Column name should match the search bar label, i.e., "Employee."	Table shows "Assigned To," causing confusion	Medium	High
		Expected: Column name should match the search bar label.	Step2: Locate the search bar above the table.				
		Actual: Table shows "Assigned To," causing confusion.	Step3: Observe that the search bar label is "Employee."				
			Step4: Enter any employee name into the search bar and perform a search.				
			Step5: Check the table column header where results appear.				
DE-02	Unauthorized access to Dashboard without login	Application allows users to access the Dashboard page directly via URL without logging in. This bypasses authentication and exposes secured pages.	Step 1: Open browser.	User should be redirected to Login Page when trying to access Dashboard without authentication.	User is able to access the Dashboard page directly without login	High	High
			Step 2: Navigate to http://sumanvi.pythonanywhere.com/dashboard/ directly without logging in.				
			Step 3: Observe whether the page is accessible.				