A college under Mapúa Malayan Colleges Laguna

MO-IT103- Computer Programming 2

Test Case Document

Group No/Name	Group 6
Members	Bernales, Billedo, Canoza, Pervera, Rivera
Project Name	MotorPh Employee Application
Project Description (provide a brief description of the project)	

Instructions

Complete each section of the worksheet, tailoring the information to your specific project and assigned responsibilities. Sample answers are provided in **red** for guidance; replace these with your own responses in **black**.

Work collaboratively to align your answers and finalize the plan.

Test Case Table

TEST CASE ID #	SCENARIO	STEPS	TEST DATA	EXPECTED RESULT	ACTUAL RESULT	TEST RESULT
1	User Authentication for Employee: *Successful Login & Verification*	1. Go to Login page 2. Select "Employee" 3. Enter Username and Password 4. Select "Login" 5. Enter Employee Number 6. Select "OK"	Username: employee Password: emp456 Employee Number: 10001	User is directed to personal Employee Dashboard.	User is directed to personal Employee Dashboard.	Pass

1.1	User Authentication for Employee: *Failed Login*	1. Go to Login page 2. Select "Employee" 3. Enter inavlid Username and Password 4. Select "Login"	Invalid Username: emp Inavlid Password: emp123	User is denied access, "Invalid username or password." window appears.	User is denied access, "Invalid username or password." window appears.	Pass
1.2	User Authentication for Employee: *Successful Login but failed Verification*	1. Go to Login page 2. Select "Employee" 3. Enter Username and Password 4. Select "Login" 5. Enter nonexistent Employee Number 6. Select "OK"	Username: employee Password: emp456 Nonexistent Employee Number: 12345	User is denied access, "Employee number not found." window appears.	User is denied access, "Employee number not found." window appears.	Pass
2	Employee Dashboard: *Successful selection of Monthly Salary*	1. Go to Employee Dashboard 2. Select "View Monthly Salary" 3. Select Month & Year from the dropdown icon 4. Select "OK"	Month: September Year: 2024	Payroll Summary for the date selected appears.	Payroll Summary for the date selected appears.	Pass
2.1	Employee Dashboard: *Failed selection of Monthly Salary*	1. Go to Employee Dashboard 2. Select "View Monthly Salary" 3. Select inavlid Month & Year from the dropdown icon 4. Select "OK"	Invalid Month: January Invalid Year: 2025	No Payroll Summary appears, "Invalid date selection." window appears.	No Payroll Summary appears, "Invalid date selection." window appears.	Pass
3	User Authentication for Admin: *Successful Login*	1. Go to Login page 2. Select "Admin" 3. Enter Username and Password 4. Select "Login"	Username: admin Password: admin123	User is directed to Admin Menu	User is directed to Admin Menu	Pass
3.1	User Authentication for Admin: *Failed Login*	1. Go to Login page 2. Select "Admin" 3. Enter inavlid Username and Password 4. Select "Login"	Invalid Username: adminn Inavlid Password: admin456	User is denied access, "Invalid username or password." window appears.	User is denied access, "Invalid username or password." window appears.	Pass
4	View/Add Employees: *JTable & buttons*	1. Go to Admin Menu 2. Select "View/Add Employees"	n/a	A JTable appears that displays the ff fields: Employee #, Last Name, First Name, SSS #, Philhealth #, TIN #, & Pag-IBIG #. A "View Employee" & "New Employee" button is also present at	A JTable appears that displays the ff fields: Employee #, Last Name, First Name, SSS #, Philhealth #, TIN #, & Pag-IBIG #. A "View Employee" & "New Employee" button is also present at	Pass
4.1	View/Add Employees: *View Employee Function*	1. Go to Admin Menu 2. Select "View/Add Employees" 3. Select an Employee from the table 4. Select "View Employee"	Employee Number: 10001	A window appears that displays the full information of the selected employee. A "Calculate Payroll" button is also present at the bottom of the	A window appears that displays the full information of the selected employee. A "Calculate Payroll" button is also present at the bottom of the	Pass

4.2	View/Add Employee: *Succesful Payroll Calculation*	1. Go to Admin Menu 2. Select "View/Add Employees" 3. Select an Employee from the table 4. Select "View Employee" 5. Scroll to the bottom of the window 6. Select Payroll Period using the dropdown icon for the Month & Year	Employee Number: 10001 Month: September Year: 2024	The Gross & Net Salary payroll calculation for the selected Payroll Period appears.	The Gross Salary & Net Salary for the selected Payroll Period appears.	Pass
4.2.1	View/Add Employees: *Failed Payroll Calculation*	1. Go to Admin Menu 2. Select "View/Add Employees" 3. Select an Employee from the table 4. Select "View Employee" 5. Scroll to the bottom of the window 6. Select Inavlid Payroll Period using the dropdown icon for the Month & Year	Employee Number: 10001 Invalid Month: January Invalid Year: 2020	No Gross & Net Salary payroll calculation appears, "Invalid date selection." window appears.	No Gross & Net Salary payroll calculation appears, "Invalid date selection." window appears.	Pass
4.3	View/Add Employees: *Succesful Addition of New Employee*	1. Go to Admin Menu 2. Select "View/Add Employees" 3. Select "New Employee" 4. Fill in all fields 5. Select "Save"	Data for text fields: 1	"New employee added successfully!" window appears. New employee is reflected immeadiately on the JTable.	"New employee added successfully!" window appears. New employee is reflected immeadiately on the JTable.	Pass
4.3.1	View/Add Employees: *Failed Addition of New Employee*	1. Go to Admin Menu 2. Select "View/Add Employees" 3. Select "New Employee" 4. Fill in only the fields for First Name & Last Name	Data for text fields: 1	No new employee added, "Please fill in all fields." window appears.	No new employee added, "Please fill in all fields." window appears.	Pass
5	Update/Delete Employees: *JTable, Textboxes, & buttons*	1. Go to Admin Menu 2. Select "Update/Delete Employees"	n/a	A JTable appears on the left side of the window that displays the ff fields: Employee #, Last Name, First Name, SSS #, Philhealth #, TIN #, & Pag-IBIG #. Empty textboxes appears vertically on the right side of the window that corresponds to all employee information. A disabled "Update", "Delete", & "Save" is present at the bottom of	A JTable appears on the left side of the window that displays the ff fields: Employee #, Last Name, First Name, SSS #, Philhealth #, TIN #, & Pag-IBIG #. Empty textboxes appears vertically on the right side of the window that corresponds to all employee information. A disabled "Update", "Delete", & "Save" is present at the bottom of	Pass

				Once an employee is selected, "Update" & "Delete" buttons becomes enabled.	Once an employee is selected, "Update" & "Delete" buttons becomes enabled.	
5.1	Update/Delete Employees: *Sucessful Modification of Employee Data*	1. Go to Admin Menu 2. Select "Update/Delete Employees" 3. Select an Employee from the table 4. Select "Update" 5. Change the Position & Position type using the textboxes on the right side of the window 6. Select "Save"	Employee Number: 10001 New Position & Position type: Chief Operating Officer	Once an employee is selected, "Update" & "Delete" buttons becomes enabled. Employee Data is displayed in the textboxes on the right side of the window. After selecting/clicking the "Update" button, modification of employee data & "Save" button is enabled. After selecting/clicking the "Save" button, an "Employee updated successfully!" window appears. Re-selecting the recently modified employee from the JTable, the updated employee data is displayed in the tetxboxes on the right side of	Once an employee is selected, "Update" & "Delete" buttons becomes enabled. Employee Data is displayed in the textboxes on the right side of the window. After selecting/clicking the "Update" button, modification of employee data & "Save" button is enabled. After selecting/clicking the "Save" button, an "Employee updated successfully!" window appears. Re-selecting the recently modified employee from the JTable, the updated employee data is displayed in the tetxboxes on the right side of	Pass
5.1.1	Update/Delete Employees: *Failed Modification of Employee Data*	1. Go to Admin Menu 2. Select "Update/Delete Employees" 3. Select an Employee from the table 4. Select "Update" 5. Change the Position & Position type using the textboxes on the right side of the window 6. Exit the "Update/Delete Employees" window	Employee Number: 10001 New Position & Position type: Chief Operating Officer	Once an employee is selected, "Update" & "Delete" buttons becomes enabled. Employee Data is displayed in the textboxes on the right side of the window. After selecting/clicking the "Update" button, modification of employee data & "Save" button is enabled.	Once an employee is selected, "Update" & "Delete" buttons becomes enabled. Employee Data is displayed in the textboxes on the right side of the window. After selecting/clicking the "Update" button, modification of employee data & "Save" button is enabled.	Pass
5.2	Update/Delete Employees: *Successful Deletion of Employee*	1. Go to Admin Menu 2. Select "Update/Delete Employees" 3. Select an Employee from the table 4. Select "Delete" 5. Select "Yes"	Employee Number: 10001	Once an employee is selected, "Update" & "Delete" buttons becomes enabled. Employee Data is displayed in the textboxes on the right side of the window. After selecting/clicking the "Delete" button, a confirmation for deletion window appears. which contains a "Yes" or "No" option. After selecting/clicking "Yes," an "Employee deleted successfully!" window appears. The employee	Once an employee is selected, "Update" & "Delete" buttons becomes enabled. Employee Data is displayed in the textboxes on the right side of the window. After selecting/clicking the "Delete" button, a confirmation for deletion window appears. which contains a "Yes" or "No" option. After selecting/clicking "Yes," an "Employee deleted successfully!" window appears. The employee	Pass

| 5.2.1 | Update/Delete Employees: *Failed Deletion of Employee* | 1. Go to Admin Menu
2. Select "Update/Delete Employees"
3. Select an Employee from the table
4. Select "Delete"
5. Select "No" | Employee Number: 10002 | Once an employee is selected, "Update" & "Delete" buttons becomes enabled.

Employee Data is displayed in the textboxes on the right side of the window.

After selecting/clicking the "Delete" button, a confirmation for deletion window appears. which contains a "Yes" or "No" option.

After selecting/clicking "No," employee does not get deleted and | Once an employee is selected, "Update" & "Delete" buttons becomes enabled.

Employee Data is displayed in the textboxes on the right side of the window.

After selecting/clicking the "Delete" button, a confirmation for deletion window appears. which contains a "Yes" or "No" option.

After selecting/clicking "No," employee does not get deleted and | Pass |

Use additional rows if necessary.