Test Cases

ICT3132 Software Testing Methods and Tools

Assignment 1

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Bachelor of Information and Communication Technology Department of Information and Communication Technology Faculty of Technology University of Ruhuna

Contents

Group members

Student name	Registration number	Test case ID
H.A.L.I.DILSHAN	TG/2018/383	4.1,4.2,4.3,7.1,7.2,7.3
L.R.W.MOHOTTALA	TG/2018/376	1.1,1.2,1.3,2
U.A.M.T.DILSHAN	TG/2018/411	3.1,3.2,3.3,3.4,3.5,3.6
K.B.V.S.JAYASOORIYA	TG/2018/ 391	8.1,8.2,8.3,11.1,11.2,11.3
G.M.M.MAHEEPALA	TG/2018/ 413	5.1,5.2,5.3,6.1,6.2,6.3
A.P.N.U.SENEVIRATHNA	TG/2018/ 417	9.1,9.2,9.3,10.1,10.2,10.3

Introduction

Introduction about the company

University of Ruhuna is a Public University in Sri Lanka. University of Ruhuna was established in 1984 and it located in Wellamadama , Matara. It has 10 faculties and so many branches. And also, it has a Non-Academic Branch which is currently managed by Non-Academic staff Members manually. Basically, this carries out its daily tasks manually and maintains a paper-based system for every process. Due to this, the staff is facing lot difficulties when they are carrying out their own tasks.

The Proposed system is to provide to manage staff members and their details online such as employee user profile management including salary, promotions and increments, raving system, leave management and complaint management modules.

What is a test case?

A test case is a set of actions performed on a system to determine if it satisfies software requirements and functions correctly. The purpose of a test case is to determine if different features within a system are performing as expected and to confirm that the system satisfies all related standards, guidelines and customer requirements. The process of writing a test case can also help reveal errors or defects within the system.

Typical Test Case Parameters:

- ❖ Test Case ID
- ❖ Test Scenario
- ❖ Test Case Description
- ❖ Test Steps
- ❖ Prerequisite
- ❖ Test Data
- ❖ Expected Result
- ❖ Test Parameters
- ❖ Actual Result
- ❖ Environment Information
- ❖ Comments

1.1) Employee should be able to see their increments

Employee who want to see their increment first they need to login to the system using correct username or email and password. Then employee should click the increment button under the user management button. Then employee can see their increments details successfully.

Test Case ID	1.1		S#	Prerequisities
Test Case Description	check increment function successfully work		1	open xampp server
Created By	L.R.W.Mohottala		2	open web browser
Date Created	9/4/2022		3	login to the system
Tester's Name	L.R.W.Mohottala		4	click the increment button
Date Tested	11/4/2022			
Test Case	Pass		S#	Test Data
			1	Employee ID - s1123
			2	Employee role - MA
			3	Employee Name- Saman Kumara
			4	Increment - Rs.1000
Test Senario	Employee can see their increment successfully		5	Increment Start Date - 22/3/2022
			6	Increment End Date - 21/3/2027

Step#	Step Details	Expected Result	Actual Result	Pass/Fail/Not Executed/Suspend
1	Employee Login to the System	Employee successfully login to the s	As Expected	Pass
2	Click the manage user button	display the manage user fuctions su	As Expected	Pass
3	Click employee increment button	show their increment successfully	As Expected	Pass

1.2) Employee should be able to see their promotions

If employee has promotion then system generates the notification and sends it via SMS and email to employee. Then employee also checks it from the nonacademic information management system under the promotion function.

Test Case ID	1.2		S#	Prerequisities
Test Case Description	check promotion function successfully work		1	open xampp server
Created By	L.R.W.Mohottala		2	open web browser
Date Created	9/4/2022		3	login to the system
Tester's Name	L.R.W.Mohottala		4	click the promotion button
Date Tested	11/4/2022		5	Send the notification via SMS and email
Test Case	Pass		S#	Test Data
			1	Employee ID - s1123
			2	Employee role - MA
			3	Employee Name- M.Maheepala
			4	Promotion - Yes
Test Senario	Employee can see their promotion successfully		5	Promotion Date- 01/04/2022

Step#	Step Details	Expected Result	Actual Result	Pass/Fail/Not Executed/Suspend
1	Received notification via SMS and Email	Employee received sms and email sucessfully	As Expected	Pass
2	Employee Login to the System	Employee successfully login to the system	As Expected	Pass
3	Click the manage user button	display the manage user fuctions successfully	As Expected	Pass
4	Click employee promotion button	if employee has promotion display sucessfully	As Expected	Pass

1.3) Employees allow to see their salary

When employees want to check their salary details (amount, salary received date…) then they can check it through the NAMI system. Firstly they need to successfully login to the system and check the salary information by click salary button under user management functions.

Test Case ID	1.3		S#	Prerequisities
Test Case Description	check salary function successfully work		1	open xampp server
Created By	L.R.W.Mohottala		2	open web browser
Date Created	9/4/2022		3	login to the system
Tester's Name	L.R.W.Mohottala		4	click the salary button
Date Tested	11/4/2022		5	Send the notification via SMS and email
Test Case	Pass		S#	Test Data
			1	Employee ID - s1123
			2	Employee role - MA
			3	Employee Name- M.Maheepala
			4	Amount - Rs.52000.00
Test Senario	Employee can see their salary successfully		5	Received Date- 15/04/2022

Step#	Step Details	Expected Result	Actual Result	Pass/Fail/Not Executed/Suspend
1	Received notification via SMS and Email	Employee received sms and email sucessfully	As Expected	Pass
2	Employee Login to the System	Employee successfully login to the system	As Expected	Pass
3	Click the manage user button	display the manage user fuctions successfully	As Expected	Pass
4	Click employee salary button	if employee has salary display sucessfully	As Expected	Pass

1.4) Employee should be able to update their details.

If employees need to update their profile details they can update it. There are limited details to update.
Such as email,address,phone number and profile picture

Test Case ID	1.4			S#	Prerequisities
Test Case Description	Update details function successfully work			1	open xampp server
Created By	L.R.W.Mohottala			2	open web browser
Date Created	9/4/2022			3	login to the system
Tester's Name	L.R.W.Mohottala			4	click the update button
Date Tested	11/4/2022				
Test Case	Pass			S#	Test Data
				1	Employee ID - s1123
				2	Employee role - MA
				3	Employee Name- M.Maheepala
				4	Email - menura330@gmail.com
Test Senario	Employee can update their details successfully			5	Profile Picture - Yes
Step#	Step Details	Expected Result	Actual Result	Pass/Fail/Not Executed/Suspend	
1	Employee Login to the System	Employee successfully login to the system	As Expected	Pass	
2	Click the manage user button	display the manage user fuctions successfully	As Expected	Pass	
3	Click employee profile button	update employee details sucessfully	As Expected	Pass	

2.0) Employee should be able to records their attendance.

Non-academic management information system provides track the records of attendance of employees through the finger print machine. Firstly employee take fingerprint on the fingerprint machine then records into our database. Then employee login to the system and check their attendance under the attendance management module.

Test Case ID	2			S#	Prerequisities
Test Case Description	check attendance function successfully work			1	Switch on fingerprint machine
Created By	L.R.W.Mohottala			2	Take record the fingerprint through machine
Date Created	9/4/2022			3	open xampp server
Tester's Name	L.R.W.Mohottala			4	open web browser
Date Tested	11/4/2022			5	login to the system
Test Case	Pass				
				S#	Test Data
				1	Employee ID - s1123
				2	Employee role - MA
				3	Employee Name- M.Maheepala
Test Senario	Employee can see their attendance successfully			4	Attendance Validation - Yes
				5	Arrival time - 7.55 A.M.
				6	Leave time - 5.00 P.M.
Step#	Step Details	Expected Result	Actual Result	Pass/Fail/Not Executed/Suspend	
1	Employee take fingerprint to the fingerprint machine	Display notification light if it is sucessfully	As Expected	Pass	
2	Employee Login to the System	Employee successfully login to the system	As Expected	Pass	
3	Click the attendance button	display the attendance fuction successfully	As Expected	Pass	

2.2) Employee should be able to receive their attendance notification.

When employee records their attendance through fingerprint machine then employee should receive their attendance status notification. It must be successful or not. If it is successful "You successfully record your attendance. Have a nice day!" and it is unsuccessful "Attendance not successfully recorded. Try Again!" messages are receive to employee mobile phone.

Test Case ID	2.2		S#	Prerequisities
Test Case Description	Get attendance notification to mobile phone		1	Switch on fingerprint machine
Created By	L.R.W.Mohottala		2	Take record the fingerprint through machine
Date Created	9/4/2022		3	Mobile phone
Tester's Name	L.R.W.Mohottala			
Date Tested	11/4/2022			
Test Case	Pass			
			S#	Test Data
			1	Employee ID - s1123
			2	Employee role - MA
			3	Employee Name- M.Maheepala
Test Senario	Employee get their attendance notification successfully		4	Attendance Validation - Yes
			5	Arrival time - 7.55 A.M.

Step#	Step Details	Expected Result	Actual Result	Pass/Fail/Not Executed/Suspend
1	Employee take fingerprint to the fingerprint machine	Display notification light if it is sucessfully	As Expected	Pass
2	Employee received notification to mobile	notification sound come and get message	As Expected	Pass
3				

2.3) Employee can't take attendance.

When employees take their attendance in daily but they can be mistakes. if someone take their attendance unsuccessfully then system will take several action to inform employee.

Test Case ID	2.3		S#	Prerequisities
Test Case Description	Attendance function not successfully work		1	Switch on fingerprint machine
Created By	L.R.W.Mohottala		2	Take record the fingerprint through machine
Date Created	9/4/2022		3	open xampp server
Tester's Name	L.R.W.Mohottala		4	open web browser
Date Tested	11/4/2022		5	login to the system
Test Case	Pass			
			S#	Test Data
			1	Employee ID - s1123
			2	Employee role - MA
			3	Employee Name- M.Maheepala
Test Senario	Employee can't take attendance sucessfully		4	Attendance Validation - No

Step#	Step Details	Expected Result	Actual Result	Pass/Fail/Not Executed/Suspend
1	Employee take fingerprint to the fingerprint machine	Display red notification light	As Expected	Pass
2	Employee Login to the System	Employee successfully login to the system	As Expected	Pass
3	Click the attendance button	doesn't display the attendance on system	As Expected	Pass
4	Employee received notification message to mobile	"Try Again!" message send	As Expected	Pass

4. Non-Academic staff social group

Non Academic Members need to make social platform for share their ideas daily. From that they allow to create post and they can share their achievements and also others can react that posts and also others allow commenting that time Notification also generated.

Test Case ID	4.1	Test Case Description	Test the Login Functionality of Social Group			
Created by	Lakshitha	Date Created	9/4/2022			
Tester's Name	Lakshitha	Date Tested	9/4/2022	Test Case		Pass

S#	Prerequisites		S#	Test Data
1	Access the browser		1	Username-NA001
2	Login to the system		2	Password-zxcvfger456
3				

Test Scenario	Verify Entering correct userid and password,and non academic member can login

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Click Social Group Button	Site should be open	As expected	Pass
2	Enter Username and password	Credential can be	As expected	Pass
3	Click Login Button	Customer is logged in	As expected	Pass

Test Case ID	4.2	Test Case Description	Test the Login Functionality of Social Group			
Created by	Lakshitha	Date Created	9/4/2022			
Tester's Name	Lakshitha	Date Tested	9/4/2022	Test Case		Pass

S#	Prerequisites		S#	Test Data
1	Access the browser		1	Username-NA001
2	Login to the system		2	Password-abc123#

Test Scenario	Verify Entering correct userid and incorrect password,and show relevant error message

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Click Social Group Button	Site should be open	As expected	Pass
2	Enter Username and password	Credential can be	As expected	Pass
3	Click Login Button	Show Error Message	As expected	Pass

Test Case ID	4.3		Test Case Description	Test the Create Post Functionality of Social Group			
Created by	Lakshitha		Date Created	9/4/2022			
Tester's Name	Lakshitha		Date Tested	9/4/2022	Test Case		Pass

S#	Prerequisites				S#	Test Data	
1	Access the browser				1	Today I graduated GAQ University of Ruhuna	
2	Login to the system						

Test Scenario	Check creating Post and allow to see post all the Members

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Click Social Create Post Button	Open Text Box	As expected	Pass
2	Enter Description of Post	Credential can be	As expected	Pass
3	Click Post Button	Post is Visualize in System	As expected	Pass

7. Admin panel

Admin Dashboard can control overall the system. Admin can Maintain Employees accounts, Change the Employee Details and allow to Maintain all the tables of the system. Admin can perform all the function of System.

Test Case ID	7.1		Test Case Description	Test the Add Designation Functionality of Non-Academic System			
Created by	Lakshitha		Date Created	9/4/2022			
Tester's Name	Lakshitha		Date Tested	9/4/2022	Test Case		Pass

S#	Prerequisites				S#	Test Data	
1	Access the browser				1	designation_id-desig001	
2	Login to the system				2	Permission -777	
					3	designation_name-Lecturer	

Test Scenario	Verify on entering Valid Designation details ,Admin can add Designation

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Click Add Designation Button	Open Form	As expected	Pass
2	Enter Details of Designation	Credential can be	As expected	Pass
3	Click Add Button	Added Designation details to System and Su	As expected	Pass

Test Case ID	7.2	Test Case Description	Test the Add Designation Functionality of Non-Academic System		
Created by	Lakshitha	Date Created	9/4/2022		
Tester's Name	Lakshitha	Date Tested	9/4/2022	Test Case	Pass

S#	Prerequisites		S#	Test Data
1	Access the browser		1	designation_id-desig001
2	Login to the account		2	Permission -$#@
			3	designation_name-Lecturer

Test Scenario	Verify Entering Correct Designation Id , Designation name and enter incorrect Permission,And show relevant error message

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Click Add Designation Button	Open Form	As expected	Pass
2	Enter Details	Credential can be	As expected	Pass
3	Click Add Button	Show Error Message	As expected	Pass
4				

Test Case ID	7.3	Test Case Description	Test the Add Employee Salary History Functionality of Social Group		
Created by	Lakshitha	Date Created	9/4/2022		
Tester's Name	Lakshitha	Date Tested	9/4/2022	Test Case	Pass

S#	Prerequisites		S#	Test Data
1	Access the browser		1	Employee Id-NA001
2	Login to the system		2	Salary Scale Id-ssi01
3			3	Date-2/2/2022

Test Scenario	Check Add Employee Salary History and that table added new row

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Click Add ESH Button	Open Form	As expected	Pass
2	Enter Details of Employee Salary History	Credential can be	As expected	Pass
3	Click Add Button	Added Details to System and show Sucefull Message	As expected	Pass

8. Request module

Login the employee's account. Employee can request their increment or promotion this function. Enter the employee all details and click the send request button. incorrect or not enter all details can see error massage.

Test Case ID	8.1		S#	Prerequisities
Test Case Description	Test the submit of request functionality of non-academic system		1	Access chrom browser
Created By	Vinod		2	Login to account
Date Created	9/4/2022			
Tester's Name	Vinod		S#	Test Data
Date Tested	11/4/2022			Request Transport to go Matara
Test Case	Pass			
Test Senario	Verify on entering valid details and request can see relevant HOD			

Step#	Step Details	Expected Result	Actual Result	Pass/Fail/Not Executed/Suspend
1	Click Request Button	Show form	As Expected	Pass
2	Select Type of Request			
3	Enter Details of Request		As Expected	Pass
4	Click send Request Button	Added Designation to System	As Expected	Pass

Test case ID-8.3

Test Case ID	
Test Case Description	Test the Cancel Request Functionality of Non-Academic System
Created By	Vinod
Date Created	9/4/2022
Tester's Name	Vinod
Date Tested	9/4/2022
Test Case	Pass
Prerequisites	Access to Chrome Browser Login to account
Test Data	
Test Scenario	Verify Cancel Request and show successful message

Step	Step Details	Expected Details	Actual Result	Pass/Fail/Not executed/Suspend
1	Click Request Button	Show Form	As Expected	Pass
2	Click Requsted Button	Show already send requests		
3	Click Cancel Button	Show success message	As Expected	Pass

Leave management module

Login the employee's account. Employee can request their leave this function. Enter the employee all details and click the send leave button. Incorrect or not enter all details can see error massage.

Test Case ID	11.1	Test Case Description	Test the submit the leave functionality non- academic staff		
Created by	Jayasooriya	Date Created	9/4/2022		
Tester's Name	Jayasooriya	Date Tested	9/4/2022	Test Case	Pass

S#	Prerequisites		S#	Test Data
1	Access the browser		1	Employee ID=s1126
2	Login to the Xamp server		2	Employee Role=MA
3	Login to the system		3	Employee Name="sajith "
			4	Employee leave day=2020/4/02
			5	Employee leave time=12.00

Test Scenario	Verify Entering all detils in employee sucessfully

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Employee login to the system	Employee successfully loginto the system	As expected	Pass
2	Fill the leave details	All filed should be filled	As expected	Pass
3	click employeeleave button	show the leave details successfully	As expected	Pass

Test Case ID	11.2	Test Case Description	Test the submit the leave functionality non- academic staff		
Created by	Jayasooriya	Date Created	9/4/2022		
Tester's Name	Jayasooriya	Date Tested	9/4/2022	Test Case	Pass

S#	Prerequisites		S#	Test Data
1	Access the browser		1	Employee ID=s1127
2	Login to the Xamp server		2	Employee Role=MA
3	Login to the system		3	Employee Name="supuna "
			4	Employee leave day=""
			5	Employee leave time=""

Test Scenario	Verify Entering correct userid and incorrect leave day,leave time

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Employee login to the system	Employee successfully loginto the system	As expected	Pass
2	Fill the leave details	All filed should be filled	As expected	Pass
3	click employeeleave button	Show Error Message	As expected	Pass

Test Case ID	11.3	Test Case Description	Test the submit the leave functionality non- academic staff		
Created by	Jayasooriya	Date Created	9/4/2022		
Tester's Name	Jayasooriya	Date Tested	9/4/2022	Test Case	Pass

S#	Prerequisites		S#	Test Data
1	Access the browser		1	Employee ID=s1126
2	Login to the Xamp server		2	Employee Role=MA
3	Login to the system		3	Employee Name="sajith "
			4	Employee leave day=2020/4/02
			5	Employee leave time=12.00

Test Scenario	Verify Entering all detils in employee sucessfully

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Employee login to the system	Employee successfully loginto the system	As expected	Pass
2	Fill the leave details	All filed should be filled	As expected	Pass
3	click employeeleave button	show the leave details successfully	As expected	Pass

Android App

5. Dashboard update the Functionalities

After login to the System, user can update their name, password. Those functions are done through a single interface which created based on web technologies. The user has to enter the data through the fields and all the fields have auto validation with real time functionality.

Test Case ID	5.1				Test case Description	Test function in login dashboard-create		
Created By	G.M.M.maheepala				date Created	07/04/2022		
Testors name	G.M.M.maheepala				Date Tested	07/04/2022	Test Case	pass

s#	Prerequisities					S#	Test data	
1	login to dashboard					1	Name:test function	
2	visit notice page							
3								
4								

Test senario create a new name by entering required fields

Step#	step details	expected Results	Actual Results	pass/Fail/Not Executed/suspended
1	Enter Name	Validate for a valid name realtime	As Expected	pass
2	Enter password	validate password	As Expected	pass
3	click on login button	display success massage	As Expected	pass

Test Case ID	5.2				Test case Description	test function in login dashboard- update name		
Created By	G.M.M.maheepala				date Created	07/04/2022		
Testors name	G.M.M.maheepala				Date Tested	07/04/2022	Test Case	pass

s#	Prerequisities					S#	Test data	
1	login to dashboard					1	Name:update	
2	update name							
3								
4								

Test senario Update different name

Step#	step details	expected Results	Actual Results	pass/Fail/Not Executed/suspended
1	Enter new name	validate input	As Expected	pass
2	click on update button	display update message	As Expected	pass

Test Case ID	5.3				Test case Description	Test function in login dashboard-Update Address		
Created By	G.M.M.maheepala				date Created	07/04/2022		
Testors name	G.M.M.maheepala				Date Tested	07/04/2022	Test Case	pass

s#	Prerequisities					S#	Test data	
1	login to dashboard					1	Name:update	
2	select update Address							
3								
4								

Test senario create a new name by entering required fields

Step#	step details	expected Results	Actual Results	pass/Fail/Not Executed/suspended
1	Enter Address	Validate input	As Expected	pass
2	click on update button	displayupdate massage	As Expected	pass

6. Dashboard updates the Functionalities

After login to the System, user can update their name, password. Those functions are done through a single interface which created based on web technologies. The user has to enter the data through the fields and all the fields have auto validation with real time functionality.

Test Case ID	6.1				Test case Description	Test function -change profile		
Created By	G.M.M.maheepala				date Created	07/04/2022		
Testors name	G.M.M.maheepala				Date Tested	07/04/2022	Test Case	pass

≡#	Prerequisities					S#	Test data	
1	login to dashboard					1	prfile	
2	select profile option							
3								
4								

Test senario	create a new name by entering required fields

Step#	step details	expected Results	Actual Results	pass/Fail/Not Executed/suspended
1	select profile picture	realtime validation	As Expected	pass
2	click enter button	display success massage	As Expected	pass

Test Case ID	6.2			Test case Description	view salary		
Created By	G.M.M.maheepala			date Created	07/04/2022		
Testors name	G.M.M.maheepala			Date Tested	07/04/2022	Test Case	pass

≡#	Prerequisities			S#	Test data	
1	login to dashboard			1	Name:view	
2	view slary					
3						
4						

Test senario	create a new name by entering required fields

Step#	step details	expected Results	Actual Results	pass/Fail/Not Executed/suspended
1	click on view buttons	Validate input	As Expected	pass

Test Case ID	6.3			Test case Description	view pramotion			
Created By	G.M.M.maheepala			date Created	07/04/2022			
Testors name	G.M.M.maheepala			Date Tested	07/04/2022			Test Case	pass

s#	Prerequisities			S#	Test data	
1	login to dashboard			1	Name:view	
2	view promotion					
3						
4						

Test senario	create a new name by entering required fields

Step#	step details	expected Results	Actual Results	pass/Fail/Not Executed/suspended
1	click on view button	Validate input	As Expected	pass

Rave module

Login the employee's account. Dean can give the rave level for employee. Enter the employee ID ,Role, Name ,Email and rave level. Employee can see the rave details. Not enter all details show the error massage

Test Case ID	9.1		Test Case Description	Check to rave function work successfully		
Created by	A.P.N.U.Senevirathana		Date Created	9/4/2022		
Tester's Name	A.P.N.U.Senevirathana		Date Tested	9/4/2022	Test Case	Pass

S#	Prerequisites		S#	Test Data
1	Access the browser		1	Employee ID=s1124
2	Login to the Xamp server		2	Employee Role=MA
3	Login to the system		3	Employee Name="Sumuith Perera"
4	click rave level button		4	Employee Level=7

Test Scenario	Employee can see their rave level successfully

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Employee login to the system	Employee successfully loginto the system	As expected	Pass
2	Fill the rave details	All filed should be filled	As expected	Pass
3	click employee rave level button	show the rave details successfully	As expected	Pass
4				
5				

Test Case ID		9.2	Test Case Description	Check to rave function work successfully		
Created by	A.P.N.U.Senevirathna		Date Created	9/4/2022		
Tester's Name	A.P.N.U.Senevirathna		Date Tested	9/4/2022	Test Case	Pass

S#	Prerequisites		S#	Test Data
1	Access the browser		1	Employee ID=s1125
2	Login to the Xamp server		2	Employee Role=MA
3	Login to the system		3	Employee Name="supun "
4	click rave level button			Employee Level=3

Test Scenario	Employee can see their rave level successfully

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Employee login to the system	Employee successfully loginto the system	As expected	Pass
2	Fill the rave details	All filed should be filled	As expected	Pass
3	click employee rave level button	show the rave details successfully	As expected	Pass

Test Case ID	9.3	Test Case Description	Check to insert expenses function work successfully			
Created by	A.P.N.U.Senevirathna	Date Created	9/4/2022			
Tester's Name	A.P.N.U.Senevirathna	Date Tested	9/4/2022	Test Case		Pass

S#	Prerequisites		S#	Test Data
1	Access the browser		1	Employee ID=s1126
2	Login to the Xamp server		2	Employee Role=MA
3	Login to the system		3	Employee Name="sajith "
4	click rave level button		4	Employee Level=""

Test Scenario	Verify Entering correct employee id and incorrect employee level

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Employee login to the system	Employee successfully loginto the system	As expected	Pass
2	Fill the rave details	All filed should be filled	As expected	Pass
3	click employee rave level button	Display error message	Data inserted to the database	No

Complaint module

Login to the System. Employee can complaint their stations or problem this function. Enter the employee ID ,Role, Name ,Email and complaint details. They can see the complaint details. Not enter all details show the error massage.

Tester's Name	A.P.N.U.Senevirathna	Date Tested		9/4/2022	Test Case		Pass

S#	Prerequisites			S#	Test Data	
1	Access the browser			1	Employee ID=s1128	
2	Login to the Xamp server			2	Employee Role=MA	
3	Login to the system			3	Employee Name="sandun rathnayake "	
4	click complaint button			4	Employee Email="sandun234@gmail.com"	
				5	complaint="salary not increase"	

Test Scenario	Employee can see their complaint successfully

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Employee login to the system	Employee successfully loginto the system	As expected	Pass
2	Fill the complaint details	All filed should be filled	As expected	Pass
3	click employee complaint button	show the complaint details successfully	As expected	pass
4				

Test Case ID	10.1	Test Case Description	Check complaint function work successfully		
Created by	A.P.N.U.Senevirathna	Date Created	9/4/2022		

Tester's Name	A.P.N.U.Senevirathna	Date Tested		9/4/2022	Test Case		Pass

S#	Prerequisites			S#	Test Data	
1	Access the browser			1	Employee ID=s1128	
2	Login to the Xamp server			2	Employee Role=MA	
3	Login to the system			3	Employee Name="sandun rathnayake "	
4	click complaint button			4	Employee Email="sandun234@gmail.com"	
				5	complaint="salary not increase"	

Test Scenario	Employee can see their complaint successfully

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Employee login to the system	Employee successfully loginto the system	As expected	Pass
2	Fill the complaint details	All filed should be filled	As expected	Pass
3	click employee complaint button	show the complaint details successfully	As expected	pass
4				

Test Case ID	10.3	Test Case Description	Check complaint function work successfully			
Created by	A.P.N.U.Senevirathna	Date Created	9/4/2022			
Tester's Name	A.P.N.U.Senevirathna	Date Tested	9/4/2022	Test Case		Pass

S#	Prerequisites		S#	Test Data
1	Access the browser		1	Employee ID=s1143
2	Login to the Xamp server		2	Employee Role=MA
3	Login to the system		3	Employee Name="gihan "
4	click complaint button		4	Employee Email=""
			5	complaint=""

Test Scenario	Verify Entering correct userid and incorrect complaint

Steps	Step Details	Expected Result	Actual Result	Pass/Fail/Not executed/Suspended
1	Employee login to the system	Employee successfully loginto the system	As expected	Pass
2	Fill the complaint details	All filed should be filled	As expected	Pass
3	click employee complaint button	Display error message	Data inserted to the database	No
4				
5				

Registration module

New applicants are given the opportunity to submit their application online through the system. Applicants must first register with the system as a Temporary User, and then fill out and submit the required application form. When the fields in the forum are not given the correct values, those fields are marked in red. After filling in all the fields correctly and submitting, a success message will be returned.

Test Case ID	3.1	Test Case Description	User Submit online Application form	
Created By	U.A.M.T.Dilshan	Date Created	11/4/2022	

Tester's Name	U.A.M.T.Dilshan	Date Tested	11/4/2022	Test Case	

S#	Prerequisites		S#	Test Data
1	User Must be Registered as "Temporary User"		1	Application field values(text/email/date)
2	Form must be shown			

Test Scenario	Test if user is fill all fields and submit the form

Step #	Step Details	Expected Result	Actual Results	Pass/Fail/Not Executed/suspend
1	Fill all fields	Show green mark near form fields	As Expected	Pass
2	Click the "Submit button"	Show success message	As Expected	Pass

Test Case ID	3.2	Test Case Description	Authorized users can view/search Applicants details	
Created By	U.A.M.T.Dilshan	Date Created	11/4/2022	
Tester's Name	U.A.M.T.Dilshan	Date Tested	11/4/2022	Test Case

S#	Prerequisites		S#	Test Data
1	User Must be Registered & Authorized		1	Application field values
2	"Temporary users" list must be shown			

Test Scenario	Filters and displays the result corresponding to the given field value

Step #	Step Details	Expected Result	Actual Results	Pass/Fail/Not Executed/suspended
1	Enter a valid form field value in search bar	Filters and displays the result corresponding to the given field value	As Expected	Pass
2	Enter a invalid form field value in search bar	Returns a message that there is no result	As Expected	Pass

Once new applicants have submitted their application to the system, they must be able to be monitored by authorized users. Here the users can enter the relevant fields in the application and filter the relevant information by searching for the relevant applicants. If there is relevant information, the relevant applicants' information is filtered and if there is no such information, the user returns that there is no such result.

Test Case ID	3.3	Test Case Description	Authorized users categorize applications based on job role		
Created By	U.A.M.T.Dilshan	Date Created	11/4/2022		
Tester's Name	U.A.M.T.Dilshan	Date Tested	11/4/2022	Test Case	

S#	Prerequisites		S#	Test Data
1	User Must be Registered & Authorized		1	Job roles
2	"Temporary users" list must be shown			

Test Scenario	Test if authorized user can categorize applications based on job role

Step #	Step Details	Expected Result	Actual Results	Pass/Fail/Not Executed/suspend
1	Enter valid job role value	Proper error message should displayed to enter login details again	As Expected	Pass
2	Enter date		As Expected	Pass
3	Click on categorize button		As Expected	Pass

Test Case ID	3.4	Test Case Description	Make summary report based on job role categorized		
Created By	U.A.M.T.Dilshan	Date Created	11/4/2022		

Tester's Name	U.A.M.T.Dilshan	Date Tested	11/4/2022	Test Case	

S#	Prerequisites		S#	Test Data	
1	User Must be Registered & Authorized		1	Date(From-TO) - 2022-01-01 - 2022-04-01	
	Categorized "Temporary users" list				

Test Scenario	Test if user is unable to generate summery report based on job role

Step #	Step Details	Expected Result	Actual Results	Pass/Fail/Not Executed/suspend
1	Enter valid date	Proper error message should displayed to enter login details again	As Expected	Pass
2	Enter invalid date		As Expected	Pass
3	Click on report generate button		As Expected	Pass

Test Case ID	3.5	Test Case Description	Authorized users categorize applicants based on interview type(exam only/practical test)
Created By	U.A.M.T.Dilshan	Date Created	11/4/2022
Tester's Name	U.A.M.T.Dilshan	Date Tested	11/4/2022	Test Case	

S#	Prerequisites		S#	Test Data
1	User Must be Registered & Authorized		1	Interview type(exam only/practical test)
	"Temporary users" list must be shown			

Test Scenario	Test if user is unable to generate summery report based on job role

Step #	Step Details	Expected Result	Actual Results	Pass/Fail/Not Executed/suspend
1	Enter correct Interview type	Proper error message should displayed to enter login details again	As Expected	Pass
2	Enter incorrect Interview type		As Expected	Pass
3	Click on categorize button		As Expected	Pass

Test Case ID	3.6	Test Case Description	Inform exam date to Applicants	
Created By	U.A.M.T.Dilshan	Date Created	11/4/2022	
Tester's Name	U.A.M.T.Dilshan	Date Tested	11/4/2022	Test Case

S#	Prerequisites		S#	Test Data
1	User Must be Registered & Authorized		1	Applicant's email
	"Temporary users" list must be shown		2	Job Role

Test Senario	Test if user is unable to Make a Notification

Step #	Step Details	Expected Result	Actual Results	Pass/Fail/Not Executed/suspend
1	Make notice and send it to valid email address	Proper error message should displayed to enter login details again	As Expected	Pass
2	Make popup notification to applicant's profile		As Expected	Pass
3	Click on send button		As Expected	Pass