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

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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 successfu	lly	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	Y	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.

1 Switch on f	
1 SWITCH OH I	ingerprint machine
2 Take record	d the fingerprint through machine
3 open xamp	p server
4 open web k	prowser
5 login to the	system
S# Test Data	
1 Employee I	D - s1123
2 Employee r	ole - MA
3 Employee N	Name- M.Maheepala
4 Attendance	Validation - Yes
5 Arrival time	e - 7.55 A.M.
6 Leave time	- 5.00 P.M.
Actual Result Pass/Fail/N	lot Executed/Suspend
ully As Expected Pass	
tem As Expected Pass	
sfully As Expected Pass	
S	Take record 3 open xamp 4 open web to login to the S# Test Data 1 Employee I 2 Employee I 3 Employee I 4 Attendance 5 Arrival time 6 Leave time Actual Result Pass/Fail/N sfully As Expected Pass stem 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			Take record the fingerprint through machine
Date Created	9/4/2022			Mobile phone
Tester's Name	L.R.W.Mohottala			
Date Tested	11/4/2022			
Test Case	Pass			
			S#	Test Data
				Employee ID - s1123
				Employee role - MA
				Employee Name- M.Maheepala
Test Senario	Employee get their attendance notification successfull	у	4	Attendance Validation - Yes
			į	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	9/4/2	2022	Test Case	Pas	is
S#	Prerequi	isites		S#		Test Data	
1	Access the browser			1	Username-NA	A001	
2	Login to the system			2	Password-zxc	vfger456	
3							
Test Scenario	Verify Entering correct userid and	password,and non academic m	iember can login				
Steps	Step Details	Expected Res	sult	Actu	ıl Result	Pass/Fail/Not exe	cuted/Suspended
- 1	Click Control Control Button	City about discourse				In	
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	
				1			
				+			
		1		1	_		

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#	Prerequi	sites		S#			t Data	
1	Access the browser			1	Username-N.	A001		
2	Login to the system			2	Password-abo	c123#		
Test Scenario	Verify Entering correct userid and i	ncorrect password,and show r	elevant error mes	ssage				
Steps	Step Details	Expected Re	sult	Actu	al Result	Pass/Fail/	Not execu	ted/Suspended
	lette te n	lot: 1 111		1	•	In.		
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	l	Pass		
	+							
		1						

Test Case ID	4.3	Test Case Description	Test the Create Post Functionality of Social Group					
Created by	Lakshitha	Date Created	9/4/2	2022				
Tester's Name	Lakshitha	Date Tested	9/4/2	2022	Test Case		Pass	
S#	Preregu	isites		S#		Test D)ata	
1	Access the browser			1	Today I gradua	ated GAQ Univ	versity of Ruhuna	
2	Login to the system				, ,			
Test Scenario	Check creating Post and allow to s	ee post all the Members						
Steps	Step Details	Expected Re	esult	Act	ual Result	Pass/Fail/N	ot executed/Suspende	
1	Click Social Create Post Button	Open Text Box		As expected	I	Pass		
2	Enter Description of Post	Credential can be		As expected	l	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 De	esignation Fun	ctionality of Non-	Academic S	ystem	
Created by	Lakshitha	Date Created	9/4/2	2022				
Tester's Name	Lakshitha	Date Tested	9/4/2	2022	Test Case			
S#	Prerequ	isites		S#		Test	Data	
1	Access the browser			1	designation_id-	desig001		
2	Login to the system			2	Permission -77			
				3	designation_nar	me-Lecturer		
Test Scenario	Verify on entering Valid Designation	n details ,Admin can add Designa	tion					
Steps	Step Details	Expected Res	sult	Actu	al Result	Pass/Fail/	Not execu	ited/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 t	o System and Su	As expected		Pass	-	

		_	_	_			
Test Case ID	7.2	Test Case Description	Test the Add Designation	Functionality of	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#	Prerequisi	tes		S#		Test Data	ı
1	Access the browser			1	designation_id-d	lesig001	
2	Login to the account			2	Permission -\$#(<u>a</u>	
				3	designation_nan	ne-Lecturer	
Test Scenario	Verify Entering Correct Designation Id	, Designation name and enter	incorrect Permission,And	show relevant	error message		
Steps	Step Details	Expected	Result	Actu	al 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							
	1	1	I .				

Test Case ID	7.3	Test Case Description	Test the Add Employee S	alary History I	unctionality of S	ocial Group		
Created by	Lakshitha	Date Created	9/4/2022			1		
Tester's Name	Lakshitha	Date Tested	9/4/2022		Test Case		Pass	
S#	Prerequisite	S		S#		Test 1	Data	
1	Access the browser			1	Employee Id-N.	A001		
2	Login to the system			2	Salary Scale Id-	-ssi01		
3				3	Date-2/2/2022			
Test Scenario	Check Add Employee Salary History and th	at table added new row						
Steps	Step Details	Expecte	d Result	Actu	al Result	Pass/Fail/N	Not execu	ited/Suspended
	Click Add ESH Button	O F		A 4 - 4		Pass		
1		Open Form Credential can be		As expected				
2	Enter Details of Employee Salary History			As expected		Pass		
3	Click Add Button	Added Details to System an	d 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#				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 fund	ctionality non- a	cademic st	aff	
Created by	Jayasooriya	Date Created	9/4/:	2022				
Tester's Name	Jayasooriya	Date Tested	9/4/	2022	Test Case	Test Case Pass		
S#	Prerec	uisites		S#		Te	st Data	
1	Access the browser			1	Employee ID=	=s1126		
2	Login to the Xamp server			2	Employee Rol	e=MA		
3	Login to the system			3	Employee Na	me="sajith		
				4	Employee leave day=2020/4/02			
				5	Employee leave time=12.00			
Test Scenario	Verify Entering all detils in emplo	yee sucessfully						
Steps	Step Details	Expected Re	esult	Actua	al Result	Pass/Fai	l/Not exec	uted/Suspend
1	Employee login to the system	Employee successfully login	to 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 succe	essfully	As expected		Pass		

Test Case ID	11.2	Test Case Description	Test the submit	the leave fun	ctionality non- a	cademic sta	ff		
Created by	Jayasooriya	Date Created	9/4/	2022					
Tester's Name	Jayasooriya	Date Tested	9/4/	2022	Test Case		Pass	<u> </u>	
S#	Drovos	quisites		S#		Test Data			
1	Access the browser	quisites		1	Employee ID:		t Data		
2	Login to the Xamp server			2	Employee Ro				
3	Login to the system			3	Employee Na		"		
	5 Logar to the system	8		4	Employee lea	ave day=""			
				5	Employee leave time=""				
Test Scenario	Verify Entering correct userid an	nd incorrect leave day,leave time	;						
	, u	,.							
Steps	Step Details	Expected Re	Result Ac		Actual Result		Pass/Fail/Not executed/Susp		
1	Employee login to the system Employee successfully loginto the		nto 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 fund	tionality non- aca	ademic staff			
Created by	Jayasooriya	Date Created	9/4/:	2022					
Tester's Name	Tourscoorius	Date Tested	9/4/2	2022	Test Case		Pass		
Tester's Name	Jayasooriya	Date Tested	9/4/.	2022	Test Case		Pass		
S#	Prerequi	sites		S#		Test Data			
1	Access the browser			1	Employee ID=s	1126			
2	Login to the Xamp server			2	Employee Role	=MA			
3	Login to the system			3	Employee Nam	ne="sajith "			
				4	Employee leav	e day=2020/4/02			
				5	Employee leav	eave time=12.00			
Test Scenario	Verify Entering all detils in employe	ee sucessfully							
Steps	Step Details	Expected Re	sult	Actu	al Result	Pass/Fail/Not ex	xecuted/Suspended		
1	Employee login to the system	Employee successfully logint	to 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 succe	ssfully	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.

est Case	⊇ ID		5.1			Te	est case I	Description	Test functio	n in login (dashboard-	-create	
reated E	Ву		G.M.M.maheepa	ıla		da	ate Creat	ted	07/04/2022				
estors n	ame	2	G.M.M.maheep	la		Da	ate Teste	ed	07/04/2022		Test Case	pass	
#		Prerequis	ities						S#	Test data			
	1	login to d	ashboard						1	Name:tes	t function		
	2	visit notic	e page										
	3												
	4												
est sena	ario	create a n	ew name by ente	ring requ	ired fields								
tep#			step details	expe	cted Results			Actual Res	sults	pass/Fail/	Not Execu	ted/suspe	nded
	1	Enter Nan	ne	Valid	ate for a valid	name realtime	e	As Expect	ed	pass			
	2	Enter pass	sword	valida	ate password			As Expect	ed	pass			
	3	click on lo	gin button	displa	ay success ma	ssage		As Expect	ed	pass			

est Case ID	5.2			Test case D	escription	test functio	n in login d	lashboard-	update r	name
Created By	G.M.M.maheepala			date Create	ed	07/04/2022				
estors name	G.M.M.maheepala			Date Teste	d	07/04/2022		Test Case	pass	
# Prerec	uisities					S#	Test data			
1 login t	o dashboard					1	Name:upo	date		
2 update	e name									
3										
4										
<mark>Fest senario</mark> Update	e different name									
			_				/		.,	
Step#	step details	expected			Actual Res			Not Execut	ted/susp	ended
1 Enter r	new name	validate ir			As Expecte		pass			
2 click o	n update button	display up	odate message		As Expecte	ed	pass			
2 click o	n update button	display up	odate message		As Expecte	ed	pass			
2 click of	n update button	display up	odate message		As Expecte	ed	pass			
2 click of	n update button	display up	odate message			ed Test functio		dashboard-	-Update	Address
Test Case ID			odate message		Descriptio		on in login	dashboard-	-Update	Address
Fest Case ID Created By	5.3	3	odate message	Test case [Descriptio ted	Test functio	on in login	dashboard- Test Case		Address
Fest Case ID Created By	5.3 G.M.M.maheepal	3	odate message	Test case I	Descriptio ted	Test functio 07/04/2022	on in login			Address
Test Case ID Created By Testors name	5.3 G.M.M.maheepal	3	odate message	Test case I	Descriptio ted	Test functio 07/04/2022	on in login			Address
Test Case ID Created By Testors name	5.3 G.M.M.maheepal G.M.M.maheepal	3	odate message	Test case I	Descriptio ted	Test functio 07/04/2022 07/04/2022 S#	on in login	Test Case		Address
Test Case ID Created By Testors name Prere	5.3 G.M.M.maheepal G.M.M.maheepal	3	odate message	Test case I	Descriptio ted	Test functio 07/04/2022 07/04/2022 S#	on in login	Test Case		Address
Test Case ID Created By Testors name Prere 1 login	5.3 G.M.M.maheepal G.M.M.maheepal quisities to dashboard	3	odate message	Test case I	Descriptio ted	Test functio 07/04/2022 07/04/2022 S#	on in login	Test Case		Address
Test Case ID Created By Testors name Prere 1 login 2 select	5.3 G.M.M.maheepal G.M.M.maheepal quisities to dashboard	3	odate message	Test case I	Descriptio ted	Test functio 07/04/2022 07/04/2022 S#	on in login	Test Case		Address
Test Case ID Created By Testors name Prere 1 login 2 select 3 4	5.3 G.M.M.maheepal. G.M.M.maheepal. quisities to dashboard t update Address			Test case I	Descriptio ted	Test functio 07/04/2022 07/04/2022 S#	on in login	Test Case		Address
Test Case ID Created By Testors name Prere 1 login 2 select 3 4	5.3 G.M.M.maheepal G.M.M.maheepal quisities to dashboard			Test case I	Descriptio ted	Test functio 07/04/2022 07/04/2022 S#	on in login	Test Case		Address
Test Case ID Created By Testors name Prere login 2 select 3 4 Test senario create	5.3 G.M.M.maheepal. G.M.M.maheepal. quisities to dashboard t update Address	ing required	I fields	Test case I date Creat Date Teste	Descriptio red ed	Test functio 07/04/2022 07/04/2022 S#	Test data	Test Case	pass	
Fest Case ID Created By Festors name Prere 1 login 2 select 3 4 Fest senario create Step#	5.3 G.M.M.maheepal. G.M.M.maheepal. quisities to dashboard t update Address		I fields	Test case I date Creat Date Teste	Descriptio ted	Test functio 07/04/2022 07/04/2022 S# 1	Test data	Test Case	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 I	D	6	.1				Test	case Desc	riptio	Test function	n -change	profile		
Created By	1	G.M.M.	maheepala				date	Created		07/04/2022				
Testors nar	me	G.M.M.	maheepala				Date	e Tested		07/04/2022		Test Case	pass	
3 ‡	Prerequ	isities								S#	Test data			
	1 login to		1								prfile			
	2 select p									_				
	3													
	4													
					5. 1.1									
rest senari	create a	new nam	e by enterin	g required	tields									
Step#		step de	tails	expected	Results			Acti	ual Res	sults	pass/Fail,	/Not Execu	ted/sus	pended
	1 select p	rofile pict	ıre	realtime	validation	1		As E	xpect	ed	pass			
	2 click ent	er button		display s	uccess ma	ssage		As E	xpect	ed	pass			
Test Case ID		6.2				Test case	Descriptio	view salary						
Created By		G.M.M.mah	epala			date Crea		07/04/2022						
Testors name	<u> </u>	G.M.M.mah	eepala			Date Test	ed	07/04/2022				Test	Case pa	SS
s‡	Prerequisi	ties						S#	Test da	ata				
	1 login to da							1	Name:	view				
	2 view slary 3													
	4													
Test senario	create a ne	ew name by	entering requi	ed fields										
Step#		step details		ted Results			Actual Re			ail/Not Execute	ed/suspende	d		
	1 click on vie	ew buttons	Valida	te input			As Expect	ea	pass					

est Case ID		6.3				Test case	Description	view pramo	tion			
reated By		G.M.M.ma	heepala			date Crea	ted	07/04/2022				
Testors name		G.M.M.ma	heepala			Date Test	ed	07/04/2022		Test Case	pass	
#	Prerequis	ities						S#	Test data			
	1 login to d	ashboard						1	Name:view			
	2 view pron	notion										
	3											
	4											
Test senario	create a n	ew name b	y entering	required	fields							
tep#		step detai	ls	expected	Results		Actual Res	sults	pass/Fail/Not Executed/suspended			
	1 click on vi	ew button		Validate i	nput		As Expect	ed	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 s	uccessfully			
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#	Prerequi	sites		S#			t Data	
1	Access the browser			1	Employee ID	=s1124		
2	Login to the Xamp server		2	Employee Rol	e=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 s	uccessfu l ly						
~.	C. D. I. D.	F	14	A	ıl Result	D/E-0	OT-4	-4 - 3/5 3
Steps	Step Details	Expected Re	suit	Actua	ii Kesuit	Pass/Fail	Not exect	ited/Suspende
1	Employee login to the system	Employee successfully logi	nto 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 succe	essfully	As expected		Pass		
4								
5								

Test Case ID	9.2	Test Case Description	Check to rave	function worl	k 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		Pas	5
S#	Prerequi	sites		S#		Tes	st Data	
1	Access the browser		1	Employee ID:	=s1125			
2	Login to the Xamp server		2	Employee Ro	Employee Role=MA			
3	Login to the system		3	Employee Name="supun "				
4	click rave level button			Employee Le	vel=3			
Test Scenario	Employee can see their rave level st	uccessfully						
2 cot scenario	Employee can see alea rave level s							
Steps	Step Details	Expected Re	sult	Act	ual Result	Pass/Fail	l/Not exec	uted/Suspende
1	Employee login to the system	Employee successfully logi	nto the system	As expecte	d	Pass		
2	Fill the rave details	All filed should be filled		As expecte	d	Pass		
3	click employee rave level button	show the rave details succe	essfully	As expecte	đ	Pass		

Test Case ID	9.3	Test Case Description	Check to insert	expenses func	tion work success	sfully	
Created by	A.P.N.U.Senevirathna	Date Created	9/4/	2022			
T4!- N	A DALLI Garania dan	D-t- Tt-1	0/4/	2022	T4 C		
Tester's Name	A.P.N.U.Senevirathna	Date Tested	9/4/	2022	Test Case	Pa	ass
S#	Prerequi	sites		S#		Test Data	
1	Access the browser	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 Leve	el=""	
Test Scenario	Verify Entering correct employee is	and incorrect employee level	ı				
Steps	Step Details	Expected Re	sult	Actu	al Result	Pass/Fail/Not exe	ecuted/Suspend
1	Employee login to the system	Employee successfully logi	nto 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	9/4/2	2022	Test Case		Pass	
S#	Prerequis	sites		S#		Test Da	ata	
1	Access the browser			1	Employee ID=s	1128		
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 Ema	il="sandun234@	agmail.com	m"
	·			5	complaint="salary not increase"			
Test Scenario	Employee can see their complaint suc	cessfully						
Steps	Step Details	Expected Re	sult	Actu	al Result	Pass/Fail/No	ot execut	ed/Suspended
1	Employee login to the system	Employee successfully login	nto 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				
4				Ï				
Test Case ID	10.1	Test Case Description	Check complain	nt function wor	k successfully			
Created by	A.P.N.U.Senevirathna	Date Created	9/4/2		1			
					-9			
Tester's Name	A.P.N.U.Senevirathna	Date Tested	9/4/2	2022	Test Case		Pass	
S#	Prerequis	sites		S#		Test Da	ata	
1	Access the browser			1	Employee ID=s	1128		
2	Login to the Xamp server			2	Employee Role	=MA		
3	Login to the system			3	Employee Nam	e="sandun rath	mayake "	
4	click complaint button			4	Employee Emai	il="sandun234@	gmail.com	n"
				5	complaint="sal	ary not increas	se"	
Test Scenario	Employee can see their complaint suc	cessfully						
Steps	Step Details	Expected Re	sult	Actu	al Result	Pass/Fail/No	ot execute	ed/Suspended
1	Employee login to the system	Employee successfully login	nto 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								
4								

Test Case ID	10.3	Test Case Description	Check complaint function	n work succes	sfully			
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#	Prerequi	sites		S#			Data	
1	Access the browser		1	Employee ID=s	1143			
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 incor	rect complaint						
Steps	Step Details	Expecte	d Result	Actu	al Result	Pass/Fail/	Not execu	ted/Suspende
1	Employee login to the system	Employee successfully logi	into 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		Test Case					
Case ID	3.1	Description	User Submi	t online Applica	ation form		
Created		Date					
Ву	U.A.M.T.Dilshan	Created	11/4/2022				
Tester's		Date					
Name	U.A.M.T.Dilshan	Tested	11/4/2022	Test Case			
S#	Prerequisites		S#	Test Data			
	User Must be Registered						
1	as "Temporary User"		1	Application field values(text/email/date)			
2	Form must be shown						
Test							
Scenario	Test if user is fill all fields ar	nd submit the t	form				
				Actual	Pass/Fail/Not		
Step#	Step Details	Expected Result		Results	Executed/suspend		
		Show green mark near					
1	Fill all fields	form fields		As Expected	Pass		
2	Click the "Submit button"	Show success	s message	As Expected	Pass		

Test		Test Case				
Case ID	3.2	Description	Authorized use	ers can view/s	search Applicants details	
Created						
Ву	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	
	User Must be					
	Registered &					
1	Authorized		1	Ap	plication field values	
	"Temporary users" list					
2	must be shown					
		•				
Test						
Scenario Filters and displays the result corresponding to the given field value						

Expected Result

Filters and displays the result

value

no result

corresponding to the given field

Returns a message that there is

Step#

1

2

bar

Step Details

Enter a valid form field

value in search bar

Enter a invalid form

field value in search

Pass/Fail/Not

Executed/suspended

Actual

Results

Pass

Pass

As Expected

As

Expected

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		Tost Casa	Authorizedus	ore estogoriza	annlications based on ich			
		Test Case		ers categorize	applications based on job			
Case ID	3.3	Description	role					
Created								
Ву	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			
	User Must be							
	Registered &							
1	Authorized		1		Job roles			
	"Temporary users" list							
2	must be shown							
		-						
Test								
Scenario	Test if authorized user ca	an categorize applic	ations based on	job role				

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

Test		Test Case			
Case ID	3.4	Description	Make summar	y report base	ed on job role categorized
Created					
Ву	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#	Droroguisitos		S#		Test Data
Jπ	Prerequisites		3#		Test Data
- σπ	User Must be		3#		Test Data
J#	•		3#		Test Data
1	User Must be		1	Date(From-	TO) - 2022-01-01 - 2022-04-01
	User Must be Registered &			Date(From-	
	User Must be Registered & Authorized			Date(From-	
C#	Duouoguisitos	1	C#		Toct Data

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

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

3.5 U.A.M.T.Dilshan	Test Case Description		•	• •			
	Description	I IIICCI VICVV CYP	Authorized users categorize applicants based on interview type(exam only/practical test)				
U.A.M.T.Dilshan			e(exam omy/	oractical test)			
U.A.IVI. I .DIISIIaII	Date Created	11/4/2022					
	Date Created	11/4/2022					
II A M T Dilchan	Data Tostad	11/4/2022	Tost Casa				
U.A.M.T.DIISHdH	Date rested	11/4/2022	Test Case				
•		S#		Test Data			
_							
		1 Interview type(exam only/practical test					
"Temporary users" list							
must be shown							
Test if user is unable to generate summery report based on job role							
			Actual	Pass/Fail/Not			
Step Details	Expected Result		Results	Executed/suspend			
	Proper error message should						
Enter correct	displayed to enter login details		As				
Interview type	again		Expected	Pass			
Enter incorrect	-		As				
Interview type			Expected	Pass			
· · · · · · · · · · · · · · · · · · ·			As				
button				Pass			
	Step Details Enter correct nterview type Enter incorrect nterview type Click on categorize	Prerequisites User Must be Registered & Authorized 'Temporary users" list must be shown Test if user is unable to generate summery restricted Step Details Expected Proper error mess displayed to enter again Enter correct nterview type Enter incorrect nterview type Click on categorize	Prerequisites User Must be Registered & 1 Temporary users" list must be shown Test if user is unable to generate summery report based or Step Details Expected Result Proper error message should displayed to enter login details again Enter incorrect nterview type Click on categorize	Prerequisites User Must be Registered & Authorized Temporary users" list must be shown Test if user is unable to generate summery report based on job role Step Details Expected Result Proper error message should displayed to enter login details nterview type Enter incorrect nterview type Click on categorize S# Interview t Actual Results As Expected As Expected As Expected As Expected As			

Test		Test Case				
Case ID	3.6	Description	Inform exam date to Applicants			
Created						
Ву	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	
	User Must be					
	Registered &					
1	Authorized		1	Applicant's email		
	"Temporary users" list					
	must be shown		2	Job Role		
Test						
Senario	Test if user is unable to I	Make a Notification				
				Actual	Pass/Fail/Not	
Step#	Step Details	Expected Result		Results	Executed/suspend	
	Make notice and send	Proper error message should				
	it to valid email	displayed to enter login details		As		
1	address	again		Expected	Pass	
	Make popup					
	notification to			As		
2	applicant's profile			Expected	Pass	
	applicant 5 prome			=/. p = = = = =	1 433	

3

Click on send button

As

Expected

Pass