

# **Software Testing Methods and Tools**

## **Assignment No: 01**

**by**

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

## Introduction

Faculty of Technology is one of the major faculties of University of Ruhuna. One of the major problems in the faculty is the lack of good inventory management system. Currently the inventory is managed manually and current manual system has so many issues. We have built a computerized application to solve these issues with the functionalities of the current manual system and set of new functionalities which cannot be fulfilled with the current manual system. Key benefits of our system are,

- The system will distinguish each and every item using their barcodes.
- Easy to add, delete, update, delete and search item details to the inventory.
- Manage several user levels
- Provide more security to the data
- Easy to generate summary reports.
- Users are allowed to make feedbacks
- Reduce cost by reducing paper works.

For testing we have used unit testing because we are still developing the system and we are at the final stage of developing. We have used selenium for automation of testing. To manage time and resources we suggest to conduct early testing.

# Test Cases

## Register user Successful

Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	Test Cse	pass
S #	Prerequisites	S #	Test Data		
1	Access to chrome browser	1	Account Id - ad20		
2	Access to WAMO server	2	Password - 12345		
3	login to the system	3	Full Name - ddps dayananda		
4		4	Tel No: - 0717985631		
5		5	Email - foruniversity2018@gmail.com		
6		6	Account Type - Admin		
7		7	Department - ict		
		8	Current Satate - working		
Test Scenario	verify on entering already entered account id and valid other data , customer can register the user				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	navigate - http://localhost/inventry_system_for_fot-main/tec%20inventory%20new/newuser.php	site shuld open	As expected	pass	
2	enter details	credential can be	As expected	pass	
3	click register	register success	As expected	pass	
4					

Figure 1: Register user Successful

## Register User unsuccessful (Empty fields)

Test Case ID	RU_002	Test Cse Description	test the user register function in fot inventory system		
Created By	D.D.P.S.Dayananda	Date Created	10/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	Test Cse	pass
S #	Prerequisites	S #	Test Data		
1	Access to chrome browser	1	Account Id - ad20		
2	Access to WAMO server	2	Password - 12345		
3	login to the system	3	Full Name -		
4		4	Tel No: - 0717985631		
5		5	Email - foruniversity2018@gmail.com		
6		6	Account Type - Admin		
7		7	Department - ict		
		8	Current Satate - working		
Test Scenario	verify on entering already entered account id and valid other data , customer can't register the user				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	navigate - http://localhost/inventry_system_for_fot-main/tec%20inventory%20new/newuser.php	site shuld open	As expected	pass	
2	enter details	credential can be	As expected	pass	
3	click register	provide suitable error	As expected	pass	
4					
5					
6					
7					
8					

Figure 2: Register User unsuccessful (Empty fields)

## Register User unsuccessful (Duplicate data)

Test Case ID	RU_001	Test Cse Description	test the user register function in fot inventory system		
Created By	D.D.P.S.Dayananda	Date Created	10/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	Test Cse	pass
S #	Prerequisites	S #	Test Data		
1	Access to chrome browser	1	Account Id - ad01		
2	Access to WAMO server	2	Password - 12345		
3	login to the system	3	Full Name - pawan sandeepa		
4		4	Tel No: - 0717985631		
5		5	Email - foruniversity2018@gmail.com		
6		6	Account Type - Admin		
7		7	Department - ict		
		8	Current Satate - working		
Test Scenario	verify on entering already entered account id and valid other data , customer can't register the user				
Step #	Step Details		Expected Results	Actual Results	Pass/Fail/Not executed/suspended
1	navigate - http://localhost/inventory_system_for_fot-main/tec%20inventory%20%20new/newuser.php		site shuld open	As expected	pass
2	enter details		credential can be	As expected	pass
3	click register		provide suitable error	As expected	pass
4					

Figure 3: Register User unsuccessful (Duplicate data)

## Remove user Success

Test Case ID	RU_001	Test Cse Description	test the remove user function in fot inventory system		
Created By	D.D.P.S.Dayananda	Date Created	10/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	Test Cse	pass
S #	Prerequisites		S #	Test Data	
1	Access to chrome browser		1		
2	Access to WAMO server		2		
3	login to system		3		
4			4		
5			5		
6			6		
7			7		
			8		
Test Scenario					
verify on with session remove user , customer can see the page					
Step #	Step Details			Expected Results	Actual Results
1	navigate - http://localhost/inventory_system_for_fot-main/tec%20inventory%20%20new/mangeuser.php			site shuld open	As expected
2	click remove user button as I wish			move to remove user list	As expected
3					pass
4					

Figure 4: Remove user Success

## Remove user Unsuccessful

Test Case ID	RU_002	Test Cse Description	test the remove user function in fot inventory system		
Created By	D.D.P.S.Dayananda	Date Created	10/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	Test Cse	pass
S #	Prerequisites		S #	Test Data	
1	Access to chrome browser		1		
2	Access to WAMO server		2		
3	login to system		3		
4			4		
5			5		
6			6		
7			7		
			8		
Test Scenario	verify on without session remove user , customer can't see the page				
Step #	Step Details			Expected Results	Actual Results
1	navigate - http://localhost/inventory_system_for_fot-main/tec%20inventory%20%20new/mangeuser.php			site shuldn't open	As expected
2					pass
3					

Figure 5: Remove user Unsuccessful

## Change password Successful

Test Case ID	CP_003	Test Case Description	test the user change password function in fot inventory system		
Created By	D.D.P.S.Dayananda	Date Created	10/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	Test Case	pass
S #	Prerequisites		S #	Test Data	
1	Access to chrome browser		1	old password - 12345	
2	Access to WAMO server		2	new Password - 1995	
3	login to system		3	re enter new password - 1995	
4			4		
5			5		
6			6		
7			7		
			8		
Test Scenario	verify on entering correct old password and same new passwords , customer can change password				
Step #	Step Details			Expected Results	Actual Results
1	navigate - http://localhost/inventory_system_for_fot-main/tec%20inventory%20%20new/changepassword.php			site should open	As expected
2	enter details			credential can be	As expected
3	click register			change success	As expected
					Pass/Fail/Not executed/suspended

Figure 6: Change password Successful

## Change password unsuccessful (Incorrect old password)

Test Case ID	CP_001	Test Case Description	test the user change password function in fot inventory system		
Created By	D.D.P.S.Dayananda	Date Created	10/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	Test Cse	pass
S #	Prerequisites		S #	Test Data	
1	Access to chrome browser		1	old password - 8965132	
2	Access to WAMO server		2	new Password - 1995	
3	login to system		3	re enter new password - 1995	
4			4		
5			5		
6			6		
7			7		
			8		
Test Scenario	verify on entering incorrect old pasword , customer can't change password				
Step #	Step Details			Expected Results	Actual Results
1	navigate - http://localhost/inventory_system_for_fot-main/tec%20inventory%20%20new/changepassword.php			site shuld open	As expected
2	enter details			credential can be	As expected
3	click register			provid suitable error message	As expected
4					
5					

Figure 7: Change password unsuccessful (Incorrect old password)

## Change password unsuccessful (passwords not matching)

Test Case ID	CP_002	Test Cse Description	test the user change password function in fot inventory system	
Created By	D.D.P.S.Dayananda	Date Created	10/11/2020	
Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	Test Case pass
S #	Prerequisites	S #	Test Data	
1	Access to chrome browser	1	old password - 12345	
2	Access to WAMO server	2	new Password - 1995	
3	login to system	3	re enter new password - 1996	
4		4		
5		5		
6		6		
7		7		
		8		
Test Scenario	verify on entering different new passwords , customer can't change password			
Step #	Step Details		Expected Results	Actual Results
1	navigate - http://localhost/inventory_system_for_fot-main/tec%20inventory%20%20new/changepassword.php		site shuld open	As expected
2	enter details		credential can be	As expected
3	click register		provid suitable error message	As expected
4				Pass/Fail/Not executed/suspended

Figure 8: Change password unsuccessful (passwords not matching)

## Manage user Successful

Test Case ID	MU_003	Test Cse Description	test the manage user function in fot inventory system	
Created By	D.D.P.S.Dayananda	Date Created	10/11/2020	
Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	Test Case pass
S #	Prerequisites	S #	Test Data	
1	Access to chrome browser	1		
2	Access to WAMO server	2		
3	login to system	3		
4		4		
5		5		
6		6		
7		7		
		8		
Test Scenario	verify on reset user password , customer can reset password			
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended
1	navigate - http://localhost/inventory_system_for_fot-main/tec%20inventory%20%20new/mangeuser.php	site shuld open	As expected	pass
2	click reset password button	password should reset	As expected	pass
3				

Figure 9: Manage User success

## Manage user unsuccessful

Test Case ID	MU_001	Test Cse Description	test the manage user function in fot inventory system		
Created By	D.D.P.S.Dayananda	Date Created	10/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	Test Cse	pass
S #	Prerequisites	S #	Test Data		
1	Access to chrome browser	1			
2	Access to WAMO server	2			
3	login to system	3			
4		4			
5		5			
6		6			
7		7			
		8			
Test Scenario	verify on without session manageuser , customer can't see the page				
Step #	Step Details		Expected Results	Actual Results	Pass/Fail/Not executed/suspended
1	navigate - http://localhost/inventry_system_for_fot-main/tec%20inventory%20%20new/mangeuser.php		site shuld move to login	As expected	pass
2					

Figure 10: Manage user unsuccessful

## See user profile success

Test Case ID	VP_001	Test Cse Description	test the see user profile function in fot inventory system	
Created By	D.D.P.S.Dayananda	Date Created	10/11/2020	
Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	Test Case pass
S #	Prerequisites	S #	Test Data	
1	Access to chrome browser	1		
2	Access to WAMO server	2		
3	login to system	3		
4		4		
5		5		
6		6		
7		7		
		8		
Test Scenario	verify on with session remove user , customer can see the page			
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended
1	navigate - http://localhost/inventory_system_for_fot-main/tec%20inventory%20%20new/userprofile.php	site shuld open	As expected	pass
2				
3				

Figure 11: See user profile success

## See user profile unsuccessful

Test Case ID	VP_002	Test Cse Description	test the see user profile function in fot inventory system	
Created By	D.D.P.S.Dayananda	Date Created	10/11/2020	
Tester's Name	D.D.P.S.Dayananda	Date Tested	24/12/2020	pass
S #	Prerequisites	S #	Test Data	
1	Access to chrome browser	1		
2	Access to WAMO server	2		
3	login to system	3		
4		4		
5		5		
6		6		
7		7		
		8		
Test Scenario	verify on without session remove user , customer can't see the page			
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended
1	navigate - http://localhost/inventry_system_for_fot-main/tec%20inventory%20%20new/userprofile.php	site shuldn't open	As expected	pass
2				

Figure 12: See user profile unsuccessful

## Add Department successful

Test Case ID		Test Cse Description	Test add Department function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	5/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	28/11/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Login Successfully		1	Department ID: dept01	
2			2	Department Name: - ICT	
3			3	Department Description : -Department of ICT	
4			4		
5			5		
6			6		
7			7		
Test Scenario	Verify on entering valid departments details, Admin can add the department				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Manage User icon in the Dashboard	Display departments list page	As Expected	Pass	
2	Click on Add Department icon	Display Add New Department Form	As Expected	Pass	
3	Fill department details	Except user inputs	As Expected	Pass	
4	Click on submit button	Display success message	As Expected	Pass	

Figure 13: Add Department successful

## Add Department Unsuccessful

Test Case ID		Test Cse Description	Test Add Department function in Inventory management system of FOT			
Created By	K.K.C.Lakamali	Date Created	5/11/2020			
Tester's Name	D.D.P.S.Dayananda	Date Tested	28/11/2020	Test Cse	Pass	
S #	Prerequisites		S #	Test Data		
1	Login Successfully		1	Department ID: dept01		
2			2	Department Name: - ICT		
3			3	Department Description : -Department of ICT		
4			4			
5			5			
6			6			
7			7			
Test Scenario	Verify on entering invalid departments details,Display error message					
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Click on Manage User icon in the Dashboard	Display departments list page	As Expected	Pass		
2	Click on Add Department icon	Display Add New Department Form	As Expected	Pass		
3	Fill department details	Except user inputs	As Expected	Pass		
4	Click on submit button	Display error message	As Expected	Pass		

Figure 14: Add Department unsuccessful

## Update Department successful

Test Case ID		Test Cse Description	Test update Department function in Inventory management system of FOT			
Created By	K.K.C.Lakamali	Date Created	7/11/2020			
Tester's Name	D.D.P.S.Dayananda	Date Tested	28/11/2020	Test Cse	Pass	
S #	Prerequisites		S #	Test Data		
1	Login Successfully		1	Department Name: - ICT		
2			2	Department Description : -Department of ICT		
3			3			
4			4			
5			5			
6			6			
7			7			
Test Scenario	Verify on entering valid departments details, Admin can update the department					
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Click on Manage User icon in the Dashboard	Display departments list page	As Expected	Pass		
2	Click on edit icon of the relevant department	Display Edit department Form with filled data	As Expected	Pass		
3	Fill department details	Except user inputs	As Expected	Pass		
4	Click on edit button	Ask for confirmation	As Expected	Pass		
5	Click on ok button	Display departments list page with updated data	As Expected	Pass		

Figure 15: Update Department successful



## Update Department unsuccessful

Test Case ID		Test Cse Description	Test update Department function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	7/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	28/11/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Login Successfully		1	Department Name: -	
2			2	Department Description : -Department of ICT	
3			3		
4			4		
5			5		
6			6		
7			7		
Test Scenario	Verify on entering invalid departments details, display error messages				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Manage User icon in the Dashboard	Display departments list page	As Expected	Pass	
2	Click on edit icon of the relevant department	Display Edit department Form with filled data	As Expected	Pass	
3	Fill department details	Except user inputs	As Expected	Pass	
4	Click on edit button	Ask for confirmation	As Expected	Pass	
5	Click on ok button	Display error message	As Expected	Pass	

Figure 16: Update Department unsuccessful

## Remove department

Test Case ID		Test Cse Description	Test delete Department function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	8/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	28/11/2020	Test Cse	Pass
S #	Prerequisites	S #	Test Data		
1	Login Successfully	1			
2		2			
3		3			
4		4			
5		5			
6		6			
7		7			
Test Scenario	Remove departments successfully				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Manage User icon in the Dashboard	Display departments list page	As Expected	Pass	
2	Click on remove icon of the relavant Department	Ask for confirmation	As Expected	Pass	
3	Click on ok button	Display updated departments list	As Expected	Pass	

Figure 17: Remove department

## View Department list

Test Case ID		Test Cse Description	Test View Department function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	8/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	28/11/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Login Successfully		1		
2			2		
3			3		
4			4		
5			5		
6			6		
7			7		
Test Scenario	Verify on entering valid departments details, Admin can add the department				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Manage User icon in the Dashboard	Display departments list page	As Expected	Pass	

Figure 18: View Department list

## View main category

Test Case ID		Test Case Description	Test view main category function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	20/11/2020		
Tester's Name	K.D.H.H.Waidyarathna	Date Tested	2/12/2020	Test Case	Pass
S #	Prerequisites		S #	Test Data	
1	Login Successfully		1		
2			2		
3			3		
4			4		
5			5		
6			6		
7			7		
Test Scenario	Admin should be able to view category successfully				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Item & Category icon in the Dashboard	Display Manage item and Category page	As Expected	Pass	
2	Click on Category icon	Display Main Category Page	As Expected	Pass	

Figure 19: View main category

## Add main category success

Test Case ID		Test Cse Description	Test Add main category function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	15/11/2020		
Tester's Name	K.D.H.H.Waidyarathna	Date Tested	2/12/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Login Successfully		1	Category ID: cat01	
2			2	Category Name: - Category number 01	
3			3	Category Description : -chair	
4			4		
5			5		
6			6		
7			7		
Test Scenario	Verify on entering valid Main Category details, Admin can add the Main Category				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Item & Category icon in the Dashboard	Display Manage item and Category page	As Expected	Pass	
2	Click on Category icon	Display Main Category Page	As Expected	Pass	
3	Click on Add Main Category	Display Add Main Category form	As Expected	Pass	
4	Fill Main Category Details	Except user inputs	As Expected	Pass	
5	Click on Submit button	Display success message	As Expected	Pass	

Figure 20: Add main category success

## Add main category fail

Test Case ID		Test Cse Description	Test Add main category function in Inventory management system of FOT			
Created By	K.K.C.Lakamali	Date Created	15/11/2020			
Tester's Name	K.D.H.H.Waidyarathna	Date Tested	2/12/2020	Test Cse	Pass	
S #	Prerequisites		S #	Test Data		
1	Login Successfully		1	Category ID: cat01		
2			2	Category Name: -		
3			3	Category Description : -chair		
4			4			
5			5			
6			6			
7			7			
Test Scenario	Verify on entering invalid Main Category details, Display error message					
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Click on Item & Category icon in the Dashboard	Display Manage item and Category page	As Expected	Pass		
2	Click on Category icon	Display Main Category Page	As Expected	Pass		
3	Click on Add Main Category	Display Add Main Category form	As Expected	Pass		
4	Fill Main Category Details	Except user inputs	As Expected	Pass		
5	Click on Submit button	Display error message	As Expected	Pass		

Figure 21: Add main category fail

## Update main category success

Test Case ID		Test Cse Description	Test Update main category function in Inventory management system of FOT			
Created By	K.K.C.Lakamali	Date Created	18/11/2020			
Tester's Name	K.D.H.H.Waidyarathna	Date Tested	2/12/2020	Test Cse	Pass	
S #	Prerequisites		S #	Test Data		
1	Login Successfully		1	Category ID: cat01		
2			2	Category Name: - category new		
3			3	Category Description : -chair		
4			4			
5			5			
6			6			
7			7			
Test Scenario	Verify on entering valid Main Category details, Admin can Update Main category					
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Click on Item & Category icon in the Dashboard	Display Manage item and Category page	As Expected	Pass		
2	Click on Category icon	Display Main Category Page	As Expected	Pass		
3	Click on Edit icon of the relevant category	Display Edit Main Category form with filled data	As Expected	Pass		
4	Fill edit main category form	Except user Data	As Expected	Pass		
5	Click on Edit Button	Ask for confirmation	As Expected	Pass		
6	Click on ok button	Navigate to Main Category List page	As Expected	Pass		

Figure 22: Update main category success

## Update main category fail

Test Case ID		Test Cse Description	Test Add main category function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	15/11/2020		
Tester's Name	K.D.H.H.Waidyarthna	Date Tested	2/12/2020	Test Cse	Pass
S #	Prerequisites	S #	Test Data		
1	Login Successfully	1	Category ID: cat01		
2		2	Category Name: -		
3		3	Category Description : -chair		
4		4			
5		5			
6		6			
7		7			
Test Scenario	Verify on entering invalid Main Category details, Display error message				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Item & Category icon in the Dashboard	Display Manage item and Category page	As Expected	Pass	
2	Click on Category icon	Display Main Category Page	As Expected	Pass	
3	Click on Add Main Category	Display Add Main Category form	As Expected	Pass	
4	Fill Main Category Details	Except user inputs	As Expected	Pass	
5	Click on Submit button	Display error message	As Expected	Pass	

Figure 23: Update main category fail

## Remove main category

Test Case ID		Test Cse Description	Test Remove main category function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	20/11/2020		
Tester's Name	K.D.H.H.Waidyarathna	Date Tested	2/12/2020	Test Cse	Pass
S #	Prerequisites	S #	Test Data		
1	Login Successfully	1	Category ID: cat01		
2		2	Category Name: -		
3		3	Category Description : -chair		
4		4			
5		5			
6		6			
7		7			
Test Scenario	Admin should be able to delete category successfully				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Item & Category icon in the Dashboard	Display Manage item and Category page	As Expected	Pass	
2	Click on Category icon	Display Main Category Page	As Expected	Pass	
3	Click on remove Button of relavant category	Ask for confirmation	As Expected	Pass	
4	Click on ok button	Navigate to Main Category List Page	As Expected	Pass	
5					

Figure 24: Remove main category

## Add sub category success

Test Case ID		Test Cse Description	Test Add sub category function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	7/12/2020		
Tester's Name	S.P.U.I.Wijesiri	Date Tested	15/12/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Login Successfully		1	Sub Category ID: subcat01	
2			2	Sub Category Name: - Sub Category number 01	
3			3	Sub Category Description : -chair	
4			4		
5			5		
6			6		
7			7		
Test Scenario	Verify on entering valid Sub Category details, Admin can add the Sub Category				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Item & Category icon in the Dashboard	Display Manage item and Category page	As Expected	Pass	
2	Click on Category icon	Display Main Category Page	As Expected	Pass	
3	Click on Sub Category icon on the dashboard	Display Sub Category list page	As Expected	Pass	
4	Click on Add Sub Category	Display Add Sub Category form	As Expected	Pass	
5	Fill Sub Category Details	Except user inputs	As Expected	Pass	
	Click on Submit button	Display success message	As Expected	Pass	

Figure 25 : Add sub category success

## Add sub category fail

Test Case ID		Test Cse Description	Test Add sub category function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	7/12/2020		
Tester's Name	S.P.U.I.Wijesiri	Date Tested	15/12/2020	Test Cse	Pass
S #	Prerequisites	S #	Test Data		
1	Login Successfully	1	Sub Category ID: subcat01		
2		2	Sub Category Name: - Sub Category number 01		
3		3	Sub Category Description : -		
4		4			
5		5			
6		6			
7		7			
Test Scenario	Verify on entering invalid Sub Category details, Display Error message				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Item & Category icon in the Dashboard	Display Manage item and Category page	As Expected	Pass	
2	Click on Category icon	Display Sub Category Page	As Expected	Pass	
3	Click on Sub Category icon on the dashboard	Display Sub Category list page	As Expected	Pass	
4	Click on Add Sub Category	Display Add Sub Category form	As Expected	Pass	
5	Fill Sub Category Details	Except user inputs	As Expected	Pass	
6	Click on Submit button	Display Error message	As Expected	Pass	

Figure 26: Add sub category fail

## update sub category success

Test Case ID		Test Cse Description	Test update sub category function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	5/11/2020		
Tester's Name	D.D.P.S.Dayananda	Date Tested	28/11/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Login Successfully		1	Sub Category ID: subcat01	
2			2	Sub Category Name: - Sub Category number 01	
3			3	Sub Category Description : -	
4			4		
5			5		
6			6		
7			7		
Test Scenario	Verify on entering valid Sub Category details, Admin can Update Sub category				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Item & Category icon in the Dashboard	Display Manage item and Category page	As Expected	Pass	
2	Click on Category icon	Display Main Category Page	As Expected	Pass	
3	Click on Sub Category icon on the dashboard	Display Sub Category list page	As Expected	Pass	
4	Click on Edit icon of the relevant category	Display Edit Sub Category form with filled data	As Expected	Pass	
5	Fill edit sub category form	Except user Data	As Expected	Pass	
6	Click on Edit Button	Ask for confirmation	As Expected	Pass	
7	Click on ok button	Navigate to sub Category List page	As Expected	Pass	

Figure 27: update sub category success

## Update sub category fail

Test Case ID		Test Cse Description	Test update sub category function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	8/12/2020		
Tester's Name	S.P.U.I.Wijesiri	Date Tested	15/12/2020	Test Cse	Pass
S #	Prerequisites	S #	Test Data		
1	Login Successfully	1	Sub Category ID: subcat01		
2		2	Sub Category Name: - Sub Category number 01		
3		3	Sub Category Description : -		
4		4			
5		5			
6		6			
7		7			
Test Scenario	Verify on entering valid Sub Category details, Display error message				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Item & Category icon in the Dashboard	Display Manage item and Category page	As Expected	Pass	
2	Click on Category icon	Display Main Category Page	As Expected	Pass	
3	Click on Sub Category icon on the dashboard	Display Sub Category list page	As Expected	Pass	
4	Click on Edit icon of the relavant category	Display Edit Sub Category form with filled data	As Expected	Pass	
5	Fill edit sub category form	Except user Data	As Expected	Pass	
6	Click on Edit Button	Ask for confirmation	As Expected	Pass	
7	Click on ok button	Display Error message	As Expected	Pass	

Figure 28: Update sub category fail

## Remove sub category

Test Case ID		Test Cse Description	Test remove sub category function in Inventory management system of FOT			
Created By	K.K.C.Lakamali	Date Created	5/12/2020			
Tester's Name	S.P.U.I.Wijesiri	Date Tested	15/12/2020		Test Cse	Pass
S #	Prerequisites		S #	Test Data		
1	Login Successfully		1			
2			2			
3			3			
4			4			
5			5			
6			6			
7			7			
Test Scenario	Admin can remove Sub Categories					
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Click on Item & Category icon in the Dashboard	Display Manage item and Category page	As Expected	Pass		
2	Click on Category icon	Display Main Category Page	As Expected	Pass		
3	Click on Sub Category icon on the dashboard	Display Sub Category list page	As Expected	Pass		
4	Click on remove icon of the relavant category	Ask for confirmation	As Expected	Pass		
5	Click on ok button	Navigate to Sub Category List Page	As Expected	Pass		

Figure 29: Remove sub category

## Add supplier success

Test Case ID		Test Cse Description	Test Add Suppliers function in Inventory management system of FOT			
Created By	K.K.C.Lakamali	Date Created	8/12/2020			
Tester's Name	W.A.Vithakshana	Date Tested	20/12/2020	Test Cse	Pass	
S #	Prerequisites		S #	Test Data		
1	Login Successfully		1	supplier id:- sup01		
2			2	Supplier name:- Nihal Perera		
3			3	Supplier Address:- Matara, Kamburupitiya		
4			4	Supplier Note : - Permenent Supplier		
5			5	supplier email : - nihal@gmail.com		
6			6			
7			7			
Test Scenario	Verify on entering valid supplier details, AB can add the supplier					
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Click on Supplier icon in the Dashboard	Display supplier list page	As Expected	Pass		
2	Click on Add New Supplier icon	Display Add New Supplier Form	As Expected	Pass		
3	Fill supplier details	Except user inputs	As Expected	Pass		
4	Click on submit button	Display success message	As Expected	Pass		

Figure 30 Add supplier success

## Add supplier fail

Test Case ID		Test Cse Description	Test Add Suppliers function in Inventory management system of FOT			
Created By	K.K.C.Lakamali	Date Created	8/12/2020			
Tester's Name	W.A.Vithakshana	Date Tested	20/12/2020	Test Cse	Pass	
S #	Prerequisites		S #	Test Data		
1	Login Successfully		1	supplier id:-		
2			2	Supplier name:- Nihal Perera		
3			3	Supplier Address: -Matara, Kamburupitiya		
4			4	Supplier Note : - Permenent Supplier		
5			5	supplier email : -abc		
6			6			
7			7			
Test Scenario	Verify on entering invalid supplier details,Display relavant error messages					
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Click on Supplier icon in the Dashboard	Display supplier list page	As Expected	Pass		
2	Click on Add New Supplier icon	Display Add New Supplier Form	As Expected	Pass		
3	Fill supplier details with invalid inputs	Except user inputs	As Expected	Pass		
4	Click on submit button	Display error message	As Expected	Pass		

Figure 31: Add supplier fail

## Update supplier success

Test Case ID		Test Cse Description	Test Update Suppliers function in Inventory management system of FOT			
Created By	K.K.C.Lakamali	Date Created	9/12/2020			
Tester's Name	W.A.Vithakshana	Date Tested	20/12/2020	Test Cse	Pass	
S #	Prerequisites		S #	Test Data		
1	Login Successfully		1	Supplier name:- Nihal Perera		
2			2	Supplier Address:- Matara, Kamburupitiya		
3			3	Supplier Note : - Permenent Supplier		
4			4	supplier email : - nihal@gmail.com		
5			5			
6			6			
7			7			
Test Scenario	Verify on entering valid supplier details, AB can update the supplier					
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Click on Supplier icon in the Dashboard	Display supplier list page	As Expected	Pass		
2	Click on edit icon of the relavant supplier	Display Edit Supplier Form with filled data	As Expected	Pass		
3	Fill supplier details	Except user inputs	As Expected	Pass		
4	Click on edit button	Ask for confirmation	As Expected	Pass		
5	Click on ok button	Display supplier list page with updated data	As Expected	Pass		

Figure 32: Update supplier success



## Update supplier fail

Test Case ID		Test Cse Description	Test Update Suppliers function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	9/12/2020		
Tester's Name	W.A.Vithakshana	Date Tested	20/12/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Login Successfully		1	Supplier name:-	
2			2	Supplier Address: -Mataru, Kamburupitiya	
3			3	Supplier Note : - Permanent Supplier	
4			4	supplier email : - abc	
5			5		
6			6		
7			7		
Test Scenario	Verify on entering invalid supplier details, Display error message				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Supplier icon in the Dashboard	Display supplier list page	As Expected	Pass	
2	Click on edit icon of the relevant supplier	Display Edit Supplier Form with filled data	As Expected	Pass	
3	Fill supplier details	Except user inputs	As Expected	Pass	
4	Click on edit button	Ask for confirmation	As Expected	Pass	
5	Click on ok button	Display error messages	As Expected	Pass	

Figure 33: Update supplier fail

## View supplier list

Test Case ID		Test Cse Description	Test View Suppliers function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	4/12/2020		
Tester's Name	W.A.Vithakshana	Date Tested	20/12/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Login Successfully		1		
2			2		
3			3		
4			4		
5			5		
6			6		
7			7		
Test Scenario	Display supplier list successfully				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Supplier icon in the Dashboard	Display supplier list page	As Expected	Pass	

Figure 34: View supplier list

## Remove supplier

Test Case ID		Test Cse Description	Test Update Suppliers function in Inventory management system of FOT		
Created By	K.K.C.Lakamali	Date Created	4/12/2020		
Tester's Name	W.A.Vithakshana	Date Tested	20/12/2020	Test Cse	Pass
S #	Prerequisites	S #	Test Data		
1	Login Successfully	1			
2		2			
3		3			
4		4			
5		5			
6		6			
7		7			
Test Scenario	AB is able to remove the supplier after confirmation				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click on Supplier icon in the Dashboard	Display supplier list page	As Expected	Pass	
2	Click on remove icon of the relevant supplier	Ask for confirmation	As Expected	Pass	
3	Click on ok button	Display supplier list page with updated data	As Expected	Pass	
4					
5					

Figure 35: Remove supplier

## Login

Test Case ID	u02	Test Cse Description	Test login functionality		
Created By	Uddhika	Date Created	25-12-2020		
Tester's Name	Uddhika	Date Tested	25-12-2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Access web browser		1	userid=tg2017271	
2			2	Password=12345	
3			3		
4			4		
5			5		
6			6		
7			7		
Test Scenario	Verifying on entering valid userid and password, the customer can login				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
	Navigate to inventory website	Site should open	As expected	Pass	
	Enter userid and password	credential can be	As expected	Pass	
	Click submit	Customer logged in	As expected	Pass	

Figure 36: Login

## QR generating

Test Case ID	u01	Test Cse Description	QR code generating functionality				
Created By	Uddhika	Date Created	25-12-2020				
Tester's Name	Uddhika	Date Tested	25-12-2020	Test Cse	Pass		
S #	Prerequisites			S #	Test Data		
1	open web browser			1	text="Uddhika"		
2				2			
3				3			
4				4			
5				5			
6				6			
7				7			
Test Scenario	make the qrcode for given test text and save to the images gallery						
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended			
	visit to the qrcode page	page should be open	As expected	Pass			
	enter test text	credential can be	As expected	Pass			
	load the page	Qr code should displayed	As expected	Pass			

Figure 37: QR generating

## Select users

Test Case ID	u03	Test Cse Description	Selecting users				
Created By	Uddhika	Date Created	25-12-2020				
Tester's Name	Uddhika	Date Tested	25-12-2020	Test Cse	Pass		
S #	Prerequisites		S #	Test Data			
1	open web browser		1	Admin name="admin"			
2			2	Lecturer name="lec"			
3			3	student="stu"			
4			4	technical officer = "tecoff"			
5			5				
6			6				
7			7				
Test Scenario	see the users according to the privileges with the filter						
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended			
	access to list of users page	page should be open	As expected	Pass			
	access the list	List should be displayed through privileges	As expected	Pass			
	select filters	show users according to the filter options	As expected	Pass			

Figure 38: Select users

## Backup

Test Case ID		Test Case Description	Test the backup functionality		
Created By	H.A.I. Chathuranga	Date Created	25/12/2020		
Tester's Name	H.A.I. Chathuranga	Date Tested	25/12/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Access Any browser		1		
2	Logged in to the system		2		
3			3		
4			4		
5			5		
6			6		
7			7		
Test Scenario	Get a backup of the system				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click Settings	Display Backup button	As Expected	Pass	
2	Click get a backup functionality	Download a backup file to the local PC	As Expected	Pass	

Figure 39 Backup

## Checking availability

Test Case ID	i89	Test Case Description	Check items available functionality		
Created By	H.A.I. Chathuranga	Date Created	25/12/2020		
Tester's Name	H.A.I. Chathuranga	Date Tested	25/12/2020	Test Cse	Pass
S #	Prerequisites	S #	Test Data		
1	Access Any browser	1	Item Name=Long Table		
2	Logged in to the system	2			
3		3			
4		4			
5		5			
6		6			
7		7			
Test Scenario	Check the availability of items				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click the request item	Loading the form	As Expected	Pass	
2	Filling the item field	Should suggest available items	As Expected	Pass	
3	Filling the item field	Suggesting keywords which has entered for another forms	As Not Expected	Fail	

Figure 40: Checking availability

## Send item

Test Case ID	iu76	Test Case Description	Send items functionality		
Created By	H.A.I. Chathuranga	Date Created	25/12/2020		
Tester's Name	H.A.I. Chathuranga	Date Tested	25/12/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Access Any browser		1	Quantity=100	
2	Logged in to the system		2		
3			3		
4			4		
5			5		
6			6		
7			7		
Test Scenario	Send requested items				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click Item move	Display Item requests	As Expected	Pass	
2	Click consider	Open the form which included requested items list	As Expected	Pass	
3	Click Approve	Approve the requested items	As Expected	Pass	
4	Click Send	Sending items	As Expected	Pass	
5	Click Send	Sending items	Quantity is not enough	Fail	

Figure 41: Send item

## Approve item

Test Case ID	i87	Test Case Description	Approve Item requests functionality		
Created By	H.A.I. Chathuranga	Date Created	25/12/2020		
Tester's Name	H.A.I. Chathuranga	Date Tested	25/12/2020	Test Cse	Pass
S #	Prerequisites	S #	Test Data		
1	Access Any browser	1	Quantity=10		
2	Logged in to the system	2	Item Name=Long Table		
3		3			
4		4			
5		5			
6		6			
7		7			
Test Scenario	Approve item requests				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click Item move	Display Item requests	As Expected	Pass	
2	Click consider	Open the form which included requested items list	As Expected	Pass	
3	Click Approve	Approve the requested items	As Expected	Pass	
4	Click Rejects	Reject the requested items	As Expected	Pass	
5	Click Approve	Approve the requested items	That items has damaged. So can't send	Fail	

Figure 42 : Approve item

## Request item

Test Case ID	i07	Test Case Description	Request items from another department		
Created By	H.A.I. Chathuranga	Date Created	25/12/2020		
Tester's Name	H.A.I. Chathuranga	Date Tested	25/12/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Access Any browser		1	Item Name = Chair	
2	Logged in to the system		2	Quantity = 2	
3			3	Which Department= ICT	
4			4		
5			5		
6			6		
7			7		
Test Scenario	Request items from another department				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	Click Request Item	Open item requesting form	As Expected	Pass	
2	Click Submit	Send the request	As Expected	Pass	

Figure 43: Request item

## Report generation

Test Case ID	re32	Test Cse Description	test report generation function on inventory management system for FOT		
Created By	W.A Vithakshana	Date Created	6/11/2020		
Tester's Name	K.D.H.H Waidarathna	Date Tested	30/11/2020	Test Cse	pass
S #	Prerequisites	S #	Test Data		
1	log in to the system	1	subcatogory =wood lecture chair		
2		2	model=damro chair		
3		3			
4		4			
5		5			
6		6			
7		7			
Test Scenario					
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	click on report genarate in dashbode	display report generation page	As Expected	Pass	
2	select the subcatogory and model	except user inputs	As Expected	Pass	
3	click on filter button	display filtered data in page	As Expected	pass	
	click on pdf button	downlode the generated report	As Expected	pass	

Figure 44: Report generation

## Survey

Test Case ID	we34	Test Cse Description	test survey function on inventory management system for FOT			
Created By	W.A Vithakshana	Date Created	6/11/2020			
Tester's Name	K.D.H.H Waidarathna	Date Tested	30/11/2020	Test Cse	pass	
S #	Prerequisites		S #	Test Data		
1	log in to the system		1	officer name 01=kasun		
2			2	officer name 02=supun		
3			3	ope to end=12/31/2020		
4			4	Current department=ICT		
5			5	Current state=good		
6			6			
7			7			
Test Scenario						
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	click on survey in dashbode	display survey form	As Expected	Pass		
2	fill survry details	except user inputs	As Expected	Pass		
3	click on submit button	open the survry page	As Expected	pass		
4	click on the camera icon	open the QR code read option	As Expected	pass		
5	scan barcode from barcode reader	lode data to the page	As Expected	pass		
6	fill the current department and current stat	except user inputs	As Expected	pass		
7	click on the end button	display comfrm button	As Expected	pass		
8	click on yes button	exit	As Expected	pass		

Figure 45: Survey

## Insert item

Test Case ID	we456	Test Cse Description	Add item data			
Created By	K.D.H.H.Waidyarathna	Date Created				
Tester's Name		Date Tested		Test Cse	pass	
S #	Prerequisites		S #	Test Data		
1	Access any browser		1	Item ID = ID1		
2	Item data enter to to the system		2	Item name = Laptop		
3			3	Description = It is a DELL laptop		
4			4	Category = Computer		
5			5	Owner deapartment = ICT		
6			6	Sub category = DELL i3		
7			7	Price = 65000		
			8	Barcode		
			9	Serial Number		
			10	Model ID = M01		
			11	Invoice No = 10		
			12	Warrenty = 10-12-2023		
			13	Date = 10-12-2020 (auto insert)		
			14	Purchased company = E-wis		
			15	Inventry page No = 1		
			16	Current Department = ET		
			17	GRN_No = 2		
			18	Move state = Yes/No		
			19	Current state = Good		
			20	Image		
			21	Pdf		
			22	QR		
			23	Add user		
			24	Depreciation		
Test Scenario						
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Enter valid data	valid data entered	As Expected	Pass		
2	Click add button	Adding data	As Expected	Pass		

Figure 46: Insert item

## Delete item

Test Case ID	he34	Test Cse Description	Delete item data			
Created By	K.D.H.H.Waidyarathna	Date Created				
Tester's Name		Date Tested		Test Cse	pass	
S #	Prerequisites		S #	Test Data		
1	Access any browser		1			
2	Item data delete to the system		2			
3			3			
4			4			
5			5			
6						
7						
Test Scenario						
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Click delete button	Deleted selected item data	As Expected	Pass		
2						

Figure 47: Delete item



## Update item

Test Case ID		Test Cse Description	Edit item data			
Created By	K.D.H.H.Waidyarathna	Date Created				
Tester's Name		Date Tested		Test Cse	pass	

S #	Prerequisites	S #	Test Data
1	Access any browser	1	Item ID = ID1
2	Item data edit to to the system	2	Item name = Laptop
3		3	Description = It is a DELL laptop
4		4	Category = Computer
5		5	Owner deartment = ICT
6		6	Sub category = DELL i3
7		7	Price = 65000
		8	Barcode
		9	Serial Number
		10	Model ID = M01
		11	Invoice No = 10
		12	Warrenty = 10-12-2023
		13	Date = 10-12-2020 (auto insert)
		14	Purchased company = E-wis
		15	Inventry page No = 1
		16	Current Department = ET
		17	GRN No = 2
		18	Move state = Yes/No
		19	Current state = Good
		20	Image
		21	Pdf
		22	QR
		23	Add user
		24	Depreciation

Test Scenario	
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Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended
1	Click edit button	Go to edit data page	As Expected	Pass
2	Go to edit page	View entered data	As Expected	Pass
3	Edit data	Enter edit data	As Expected	Pass
4	Click edit button	Edit data to item table	As Expected	Pass
5				

Figure 48: Update item

## Display inventory item

Test Case ID		Test Cse Description	display all inventory item		
Created By	G I U S CHAMIKA	Date Created	7/11/2020		
Tester's Name	K.K.C. Lakamali	Date Tested	2/12/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Login Successfully		1		
2			2		
3			3		
4			4		
5			5		
6			6		
7			7		
Test Scenario	Display all inventory item list				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	After log in	Display all inventory main table in dashboard	As Expected	Pass	

Figure 49: Display inventory item

## Filter inventory item

Test Case ID		Test Cse Description	Filter inventory item		
Created By	G.I.U.S.Chamika	Date Created	7/11/2020		
Tester's Name		Date Tested	2/12/2020	Test Cse	Pass
S #	Prerequisites		S #	Test Data	
1	Login Successfully		1		
2			2		
3			3		
4			4		
5			5		
6			6		
7			7		
Test Scenario	Display filter item list				
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended	
1	select catagory and model click search	Display filter item result	As Expected	Pass	

Figure 50 : Filter inventory item

## Search inventory item

Test Case ID		Test Cse Description	inventory item search			
Created By	G I U S CHAMIKA	Date Created	7/11/2020			
Tester's Name	K.K.C.Lakamali	Date Tested	2/12/2020	Test Cse	Pass	
S #	Prerequisites		S #	Test Data		
1	Login Successfully		1			
2			2			
3			3			
4			4			
5			5			
6			6			
7			7			
Test Scenario	Display supplier list successfully					
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Type name, QR, category or model in sear	Display search results	As Expected	Pass		

Figure 51: Search inventory item

## Add repairing requests

Test Case ID		Test Cse Description	Add repairing request			
Created By	G I U S CHAMIKA	Date Created				
Tester's Name		Date Tested		Test Cse	pass	
S #	Prerequisites		S #	Test Data		
1	Access any browser		1	Item name = Laptop		
2	add repairing request details		2	repairing title=network problem		
3			3	repairing request=can't access internet		
4			4			
5			5			
6			6			
7			7			
Test Scenario						
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Enter valid data	Invalid data entered	As Expected	Pass		
2	Click add button	Adding data	As Expected	Pass		
3						

Figure 52: Add repairing requests

## Display repairing requests

Test Case ID		Test Cse Description	display repairing request			
Created By	G.I.U.S.Chamika	Date Created	7/11/2020			
Tester's Name		Date Tested	2/12/2020	Test Cse	Pass	
S #	Prerequisites		S #	Test Data		
1	click all approve repairing		1			
2			2			
3			3			
4			4			
5			5			
6			6			
7			7			
Test Scenario	Display repairing request list					
Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not executed/suspended		
1	Click approve repairing request teb,	Display repairing request	As Expected	Pass		

Figure 53: Display repairing requests

## Appendix

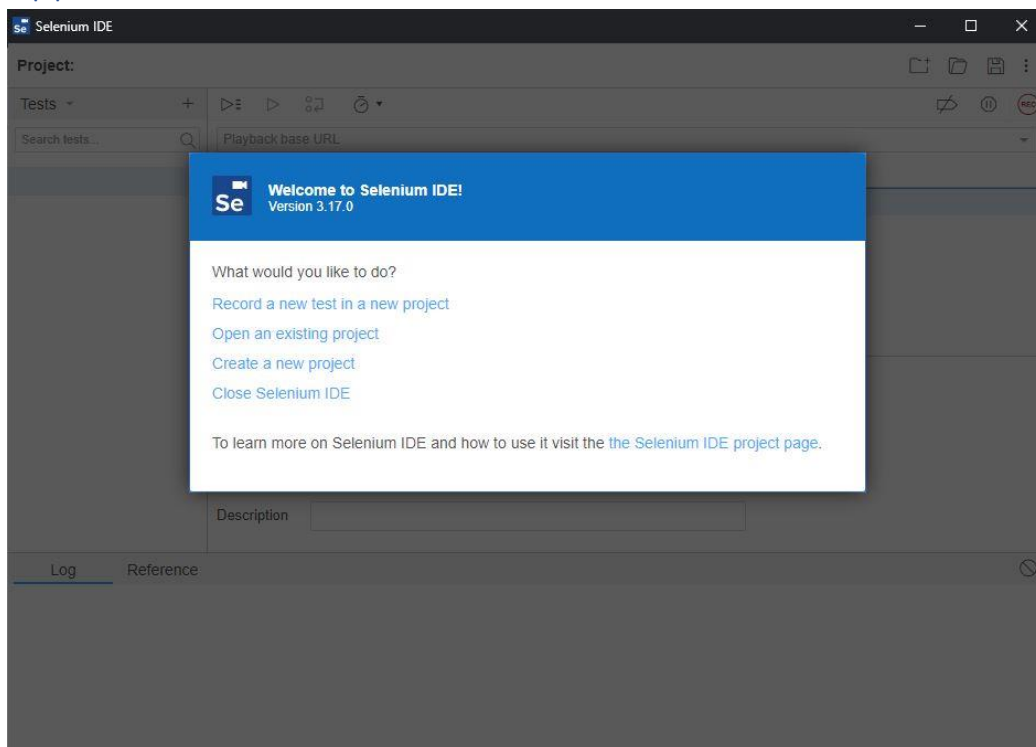


Figure 54: Test automation 01

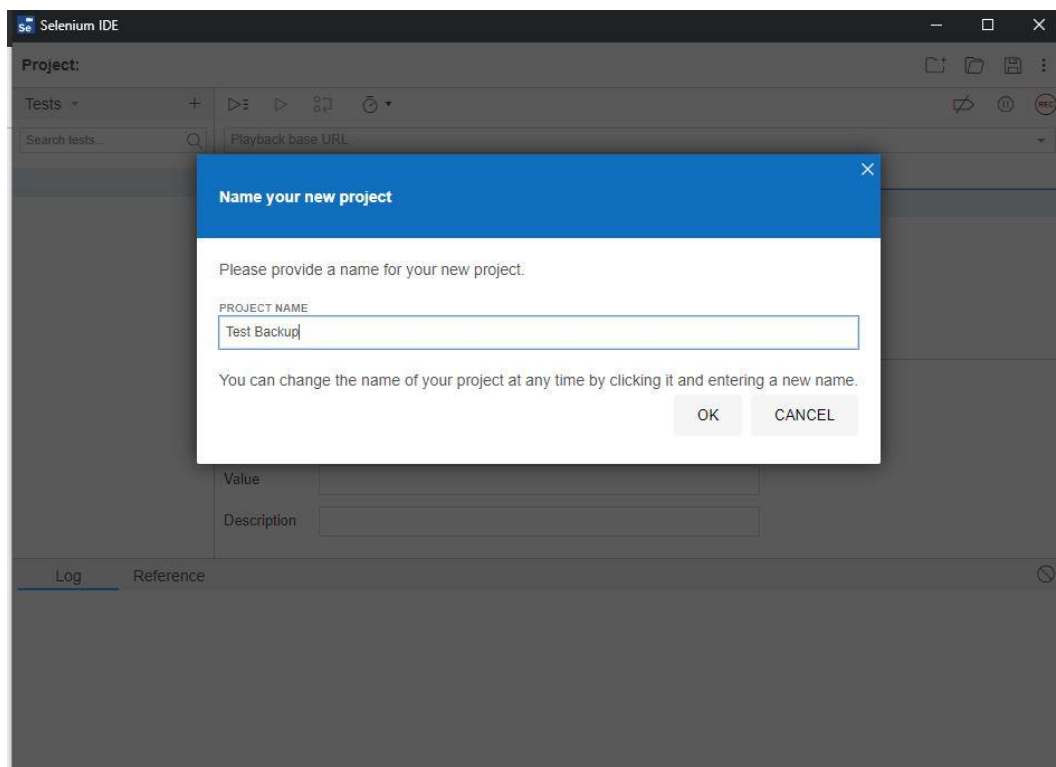


Figure 55: Test automation 02

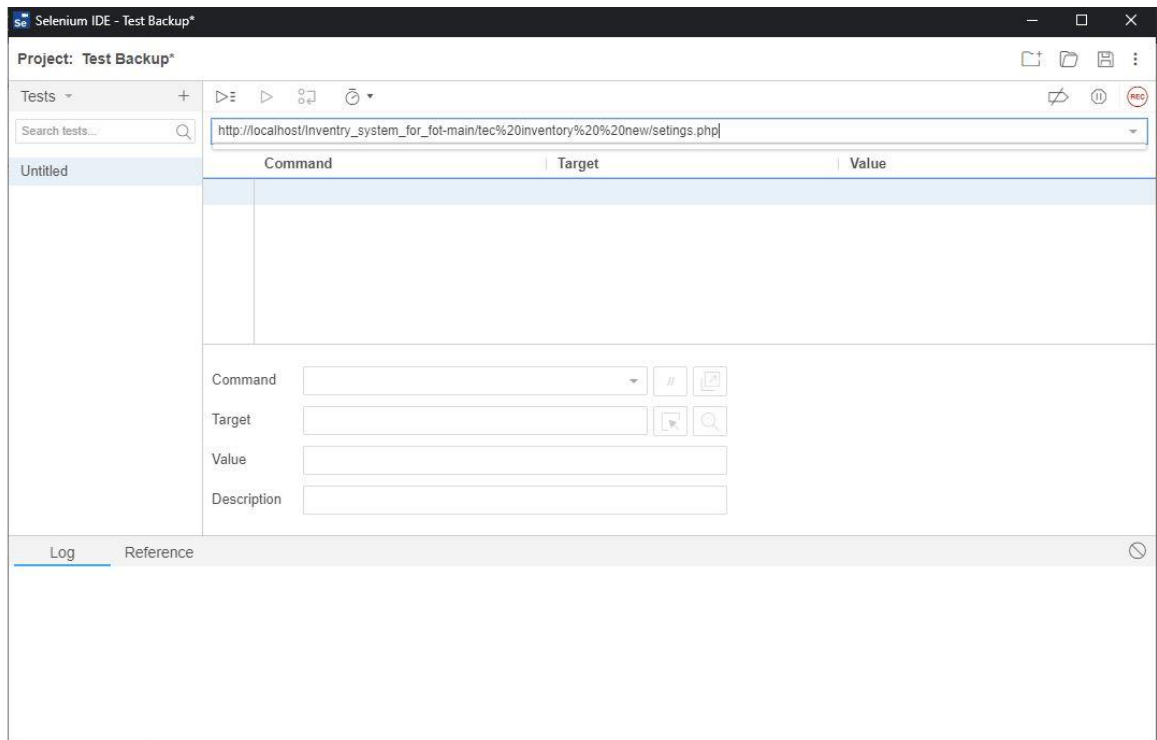


Figure 56: Test automation 03

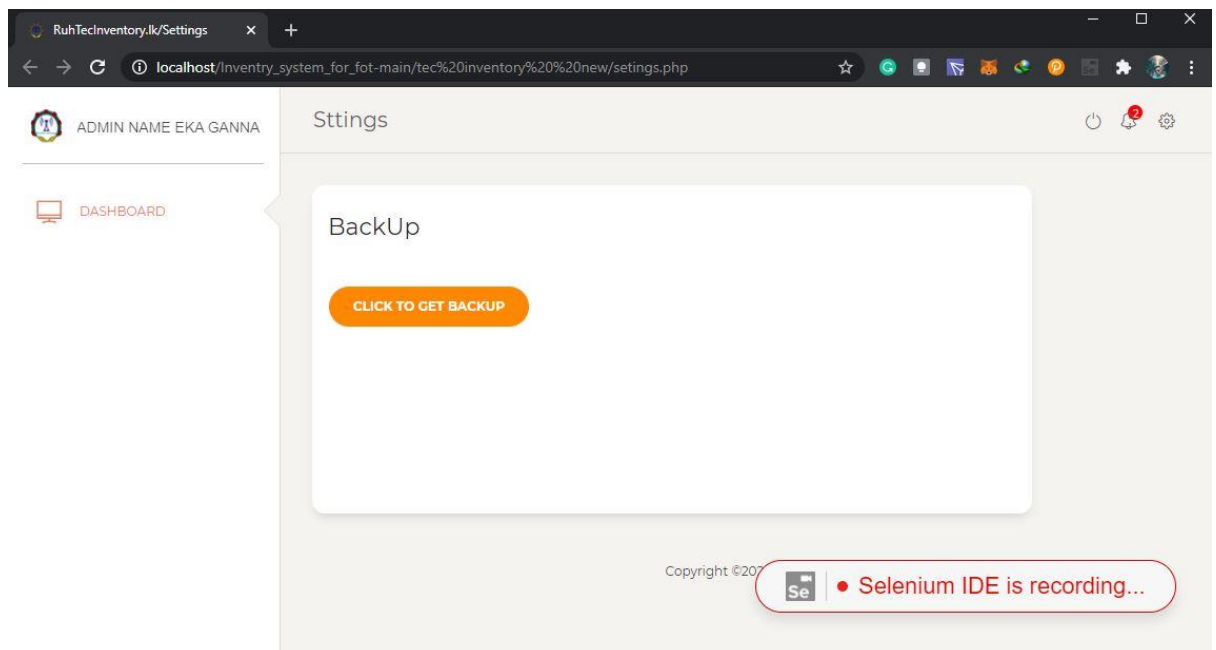


Figure 57: Test automation 04

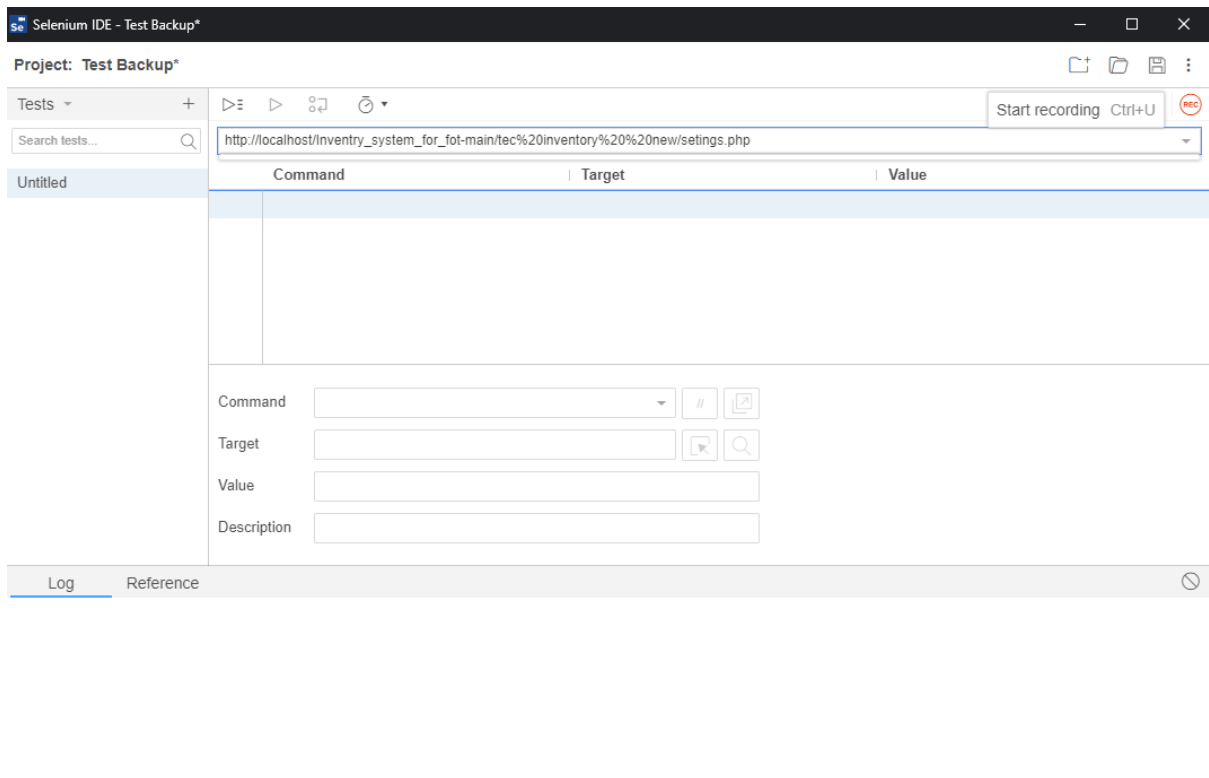


Figure 58: Test automation 05

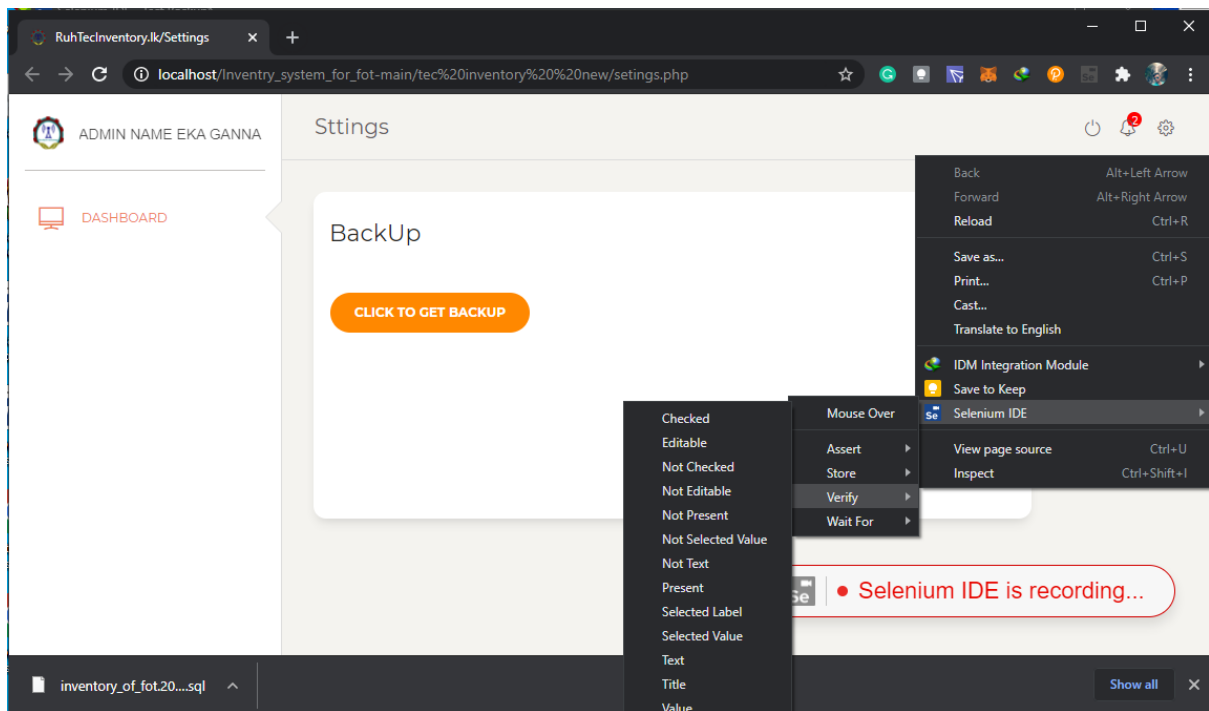


Figure 59:: Test automation 06

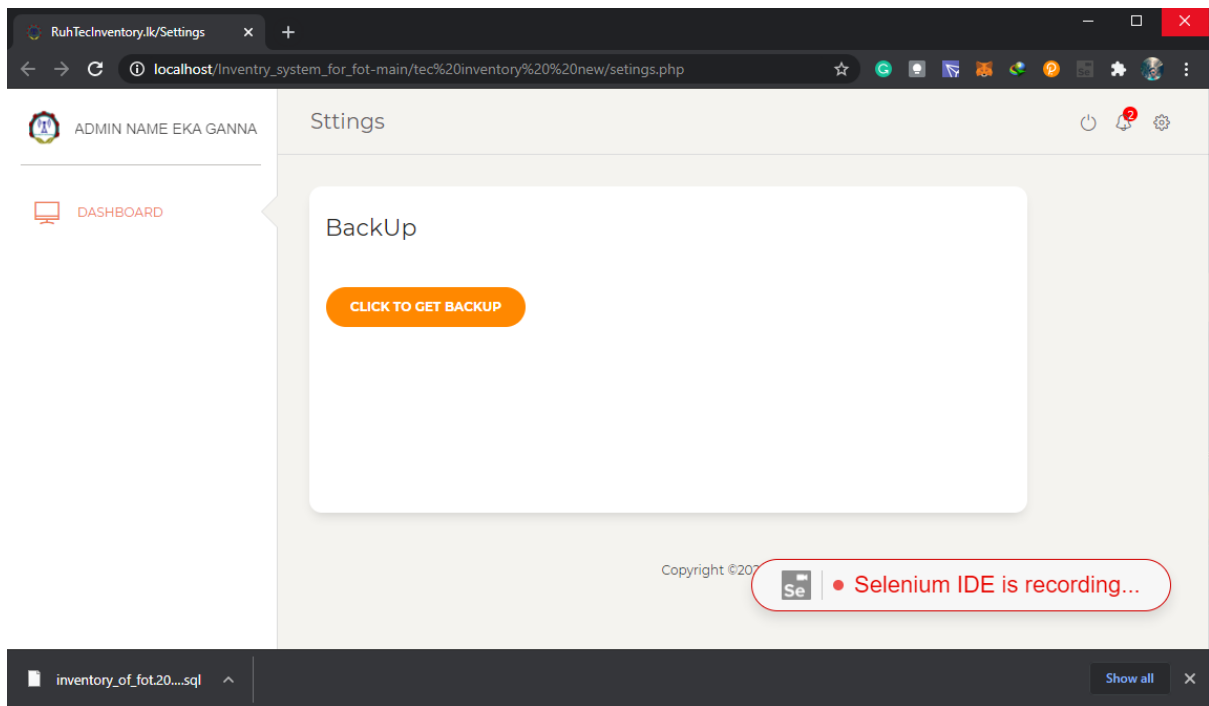


Figure 60: : Test automation 07

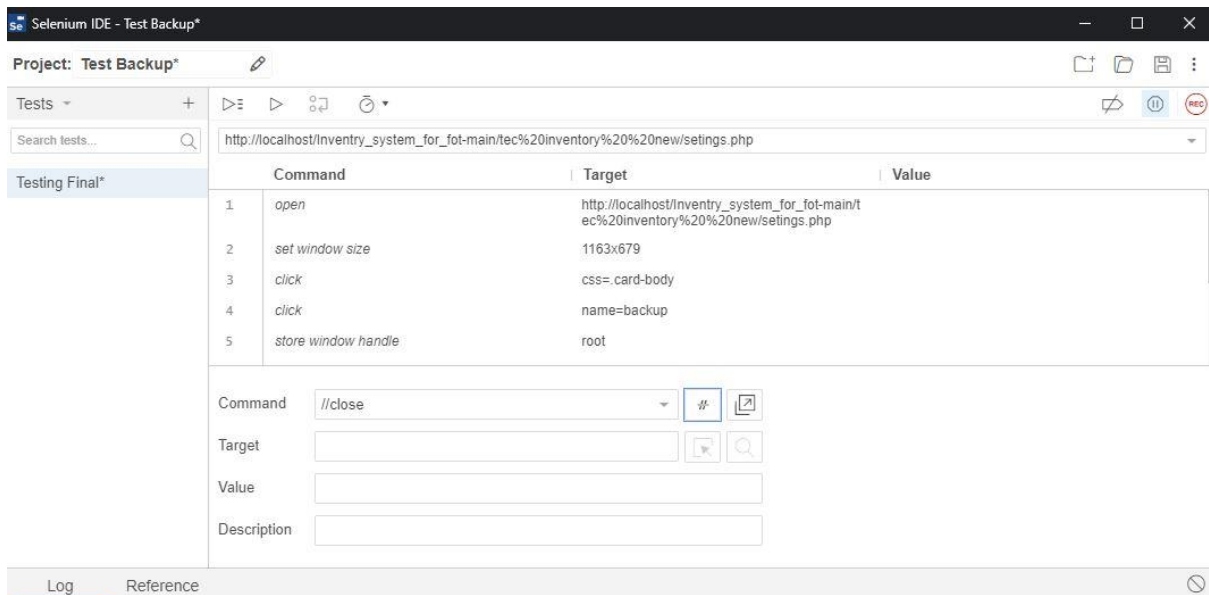


Figure 61: Test automation 08



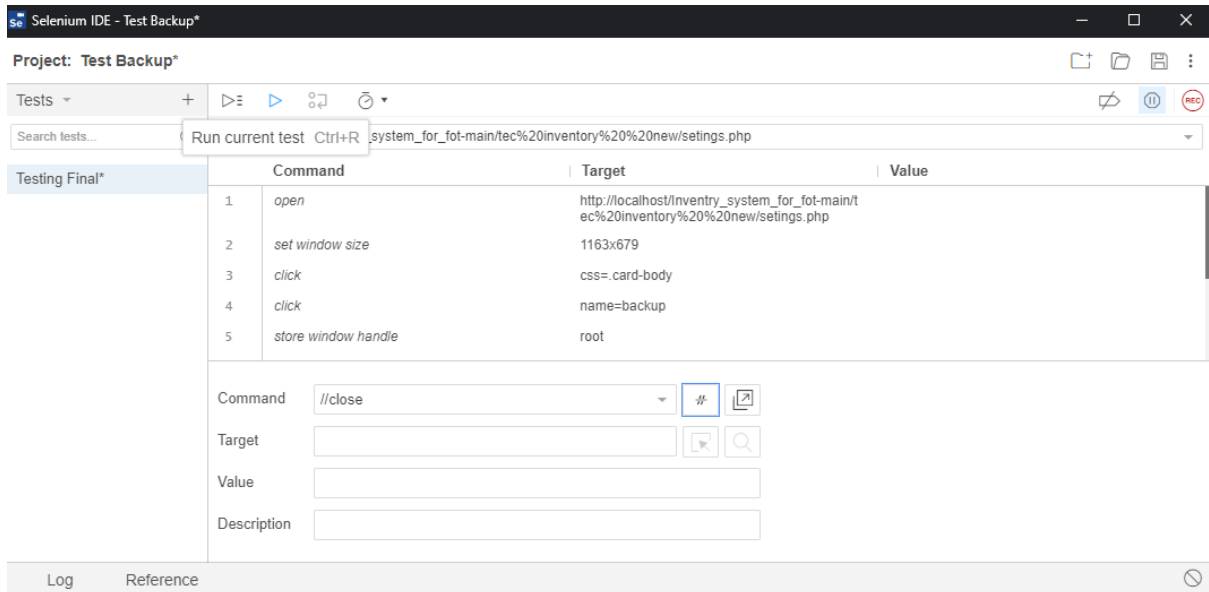


Figure 62: : Test automation 09

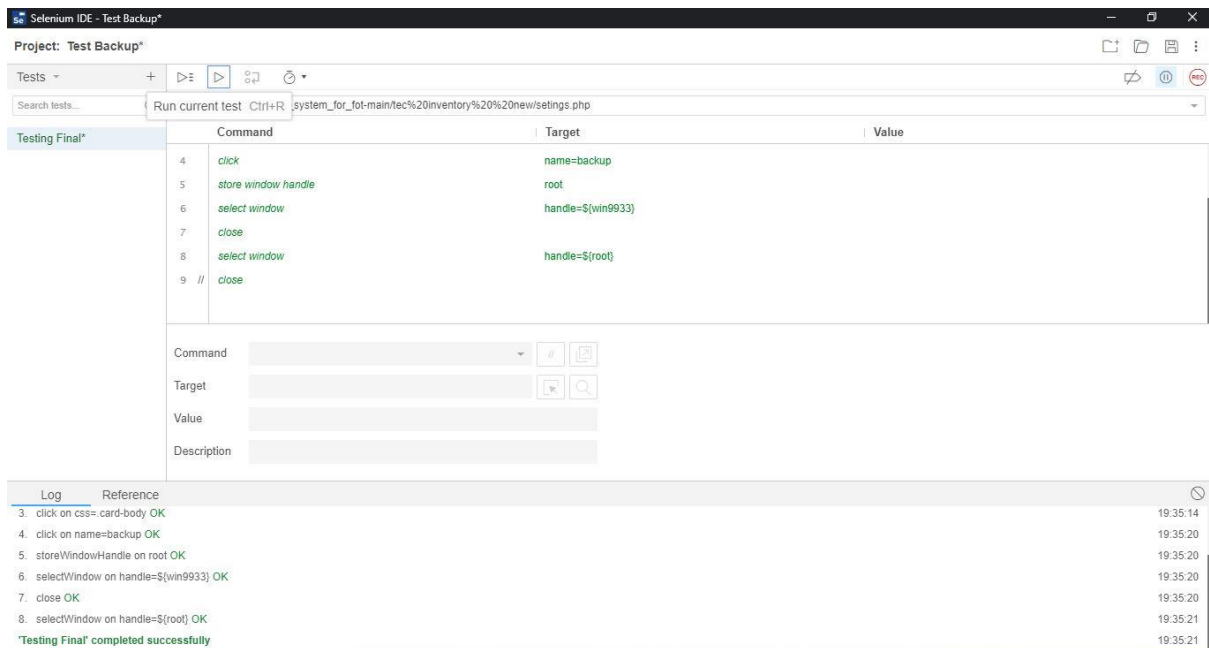


Figure 63: Test automation 10

