



Assignment Cover Sheet

Assignment Title:	Web Technologies Project (Van Gogh Digital Assets Store) testing by Selenium			
Assignment No:	01		Date of Submission: 9 September 2024	
Course Title:	Software Quality and Testing			
Course Code:	CSC4271		Section:	B
Semester:	Spring	2024-25	Course Teacher:	Abhijit Bhowmik

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No	Name	ID	Program	Signature
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2	Urme Lubna	21-44930-2	BSc [CSE]	
3	MD. AHANAF AFIQUE	20-43291-1	BSc [CSE]	
4			Choose an item.	
5			Choose an item.	
6			Choose an item.	

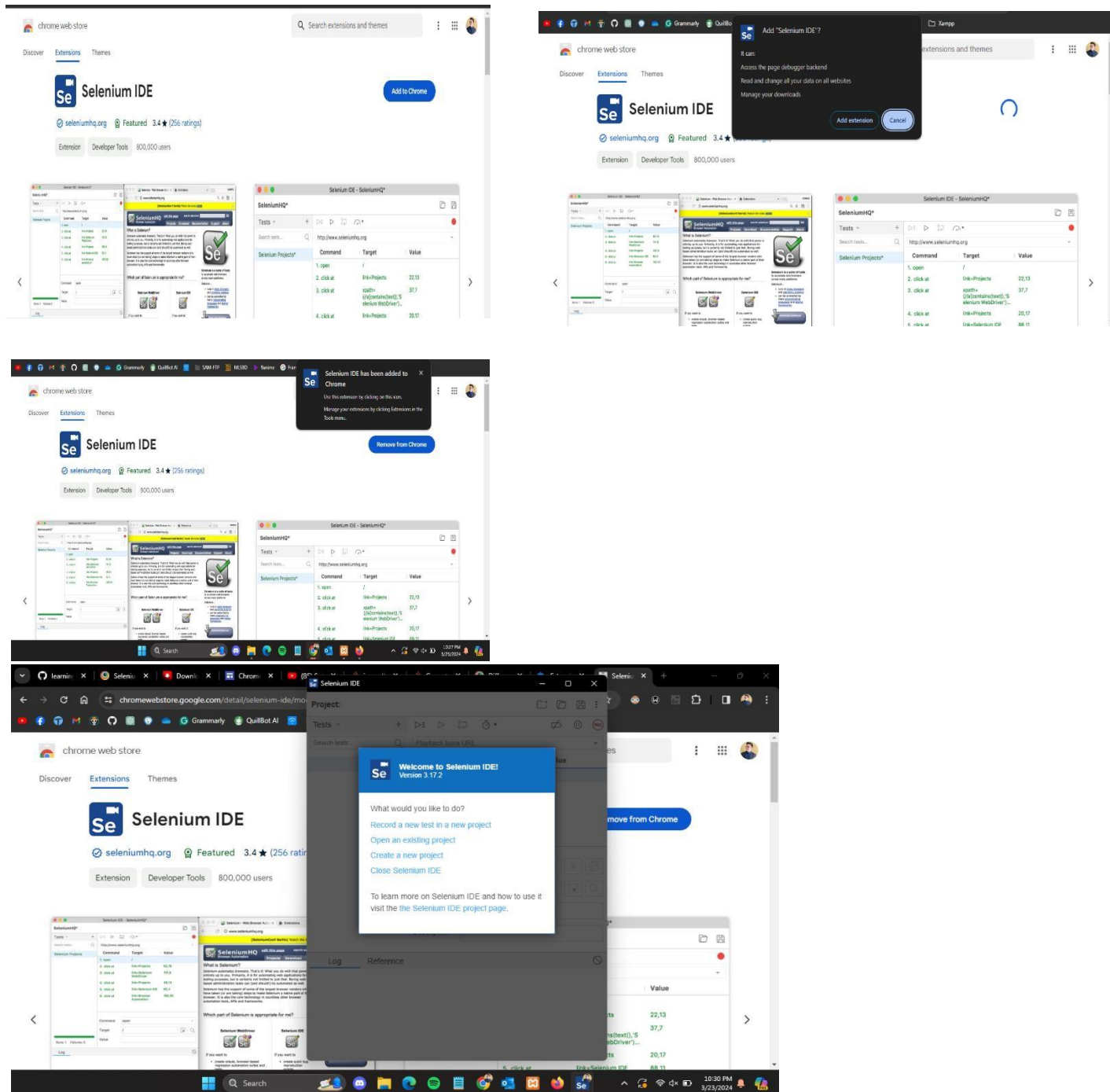
7	Choose an item.
8	Choose an item.
9	Choose an item.
10	Choose an item.

Faculty use only

FACULTYCOMMENTS	Marks Obtained	
	Total Marks	

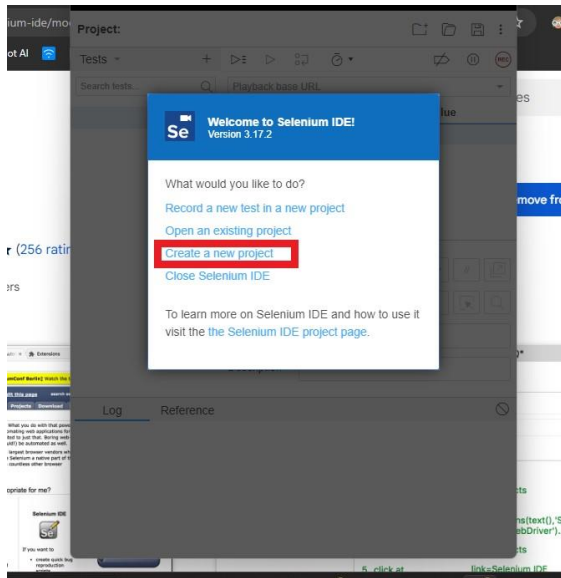
1) Set Up:

Firstly, Selenium IDE chrome extension was added from the chrome web store.

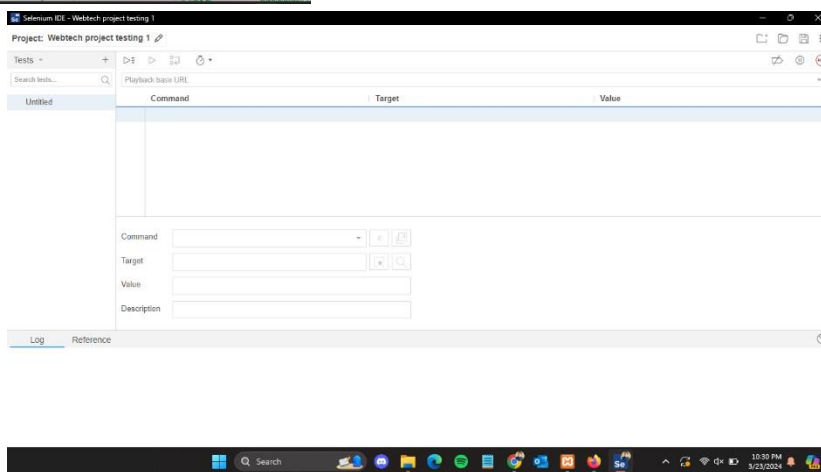
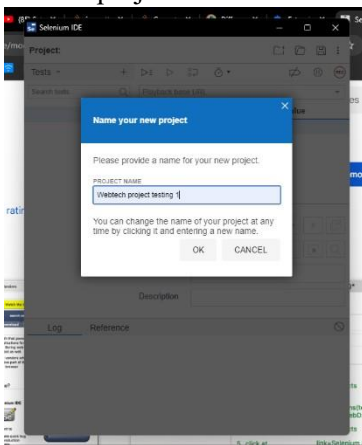


2) Creating project to run tests:

Now, In the Selenium IDE new project was created to run the tests.

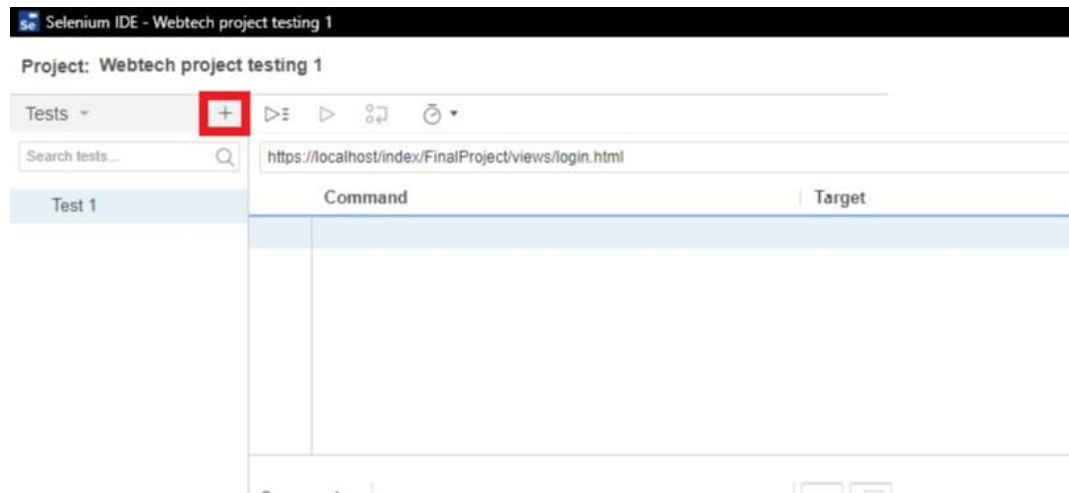


Then the project was named “Webtech Project testing 1”

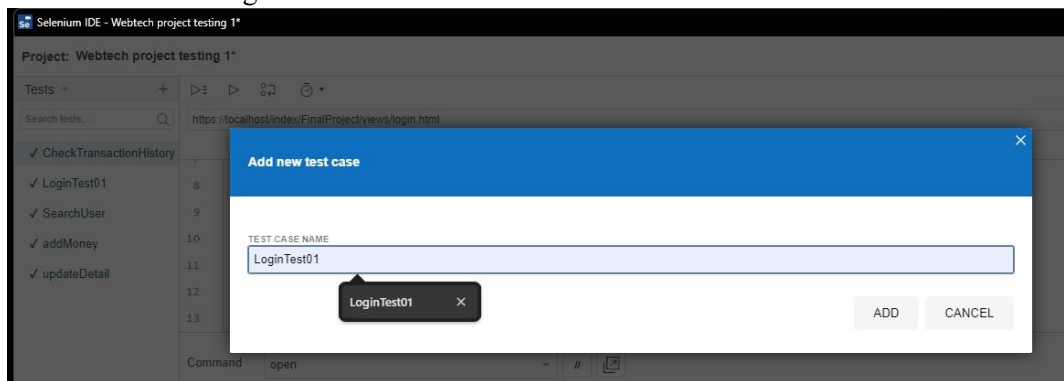


3) Creating Tests:

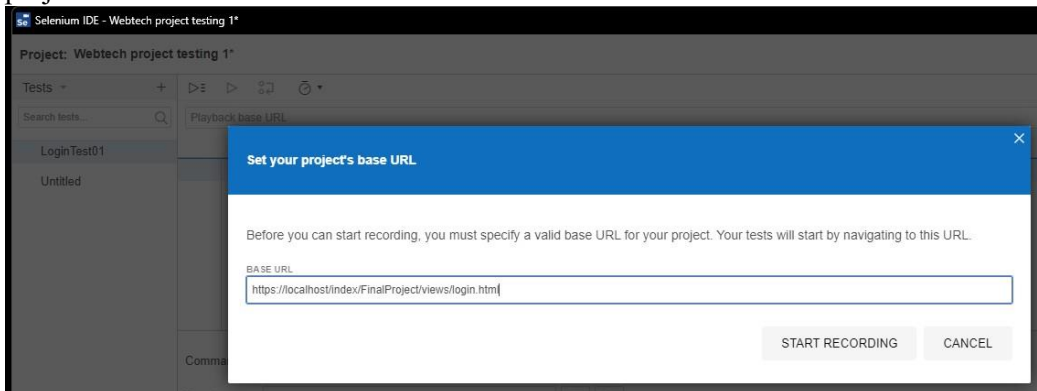
Add testcase was pressed



Test case name was given.



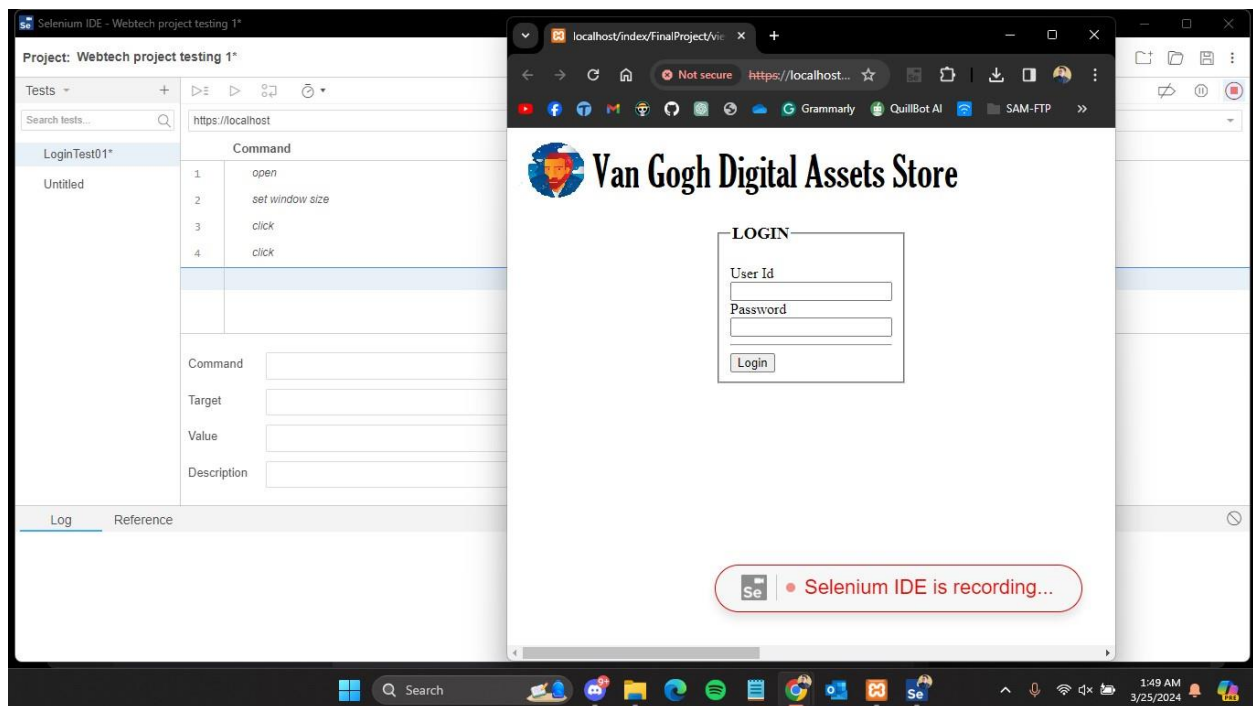
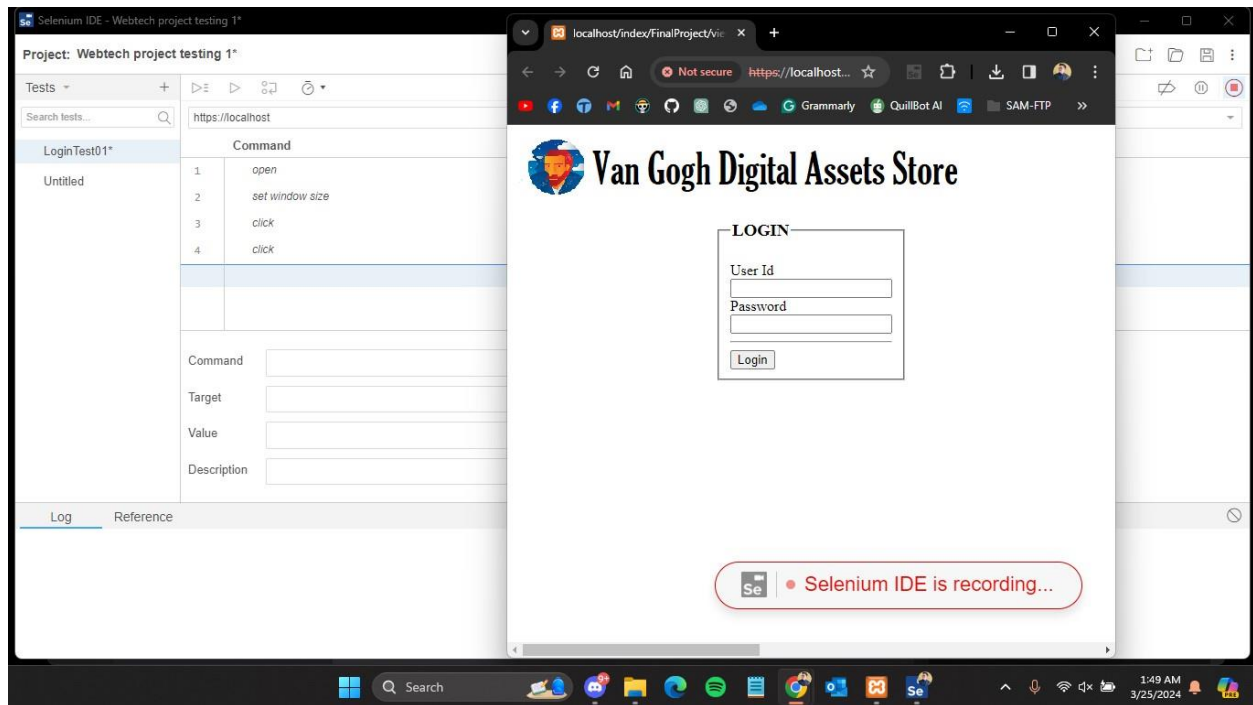
project's base URL was added.



Recording was pressed to record the process which selenium will automate.



Then selenium started recording the process.



Every test was recorded in the same process.

4)Testing:

Project Name: Van Gogh Digital Assets Store

Test Case 01

Test Case ID: Tester01

Test Priority (Low/Medium/High): Med

Module Name: login

Test Title: Verify login with valid username and password

Description: Test the login page

Test Designed by: Azwad

Test Designed date: 25/03/24

Test Executed by: Azwad

Test Execution date: 25/03/24

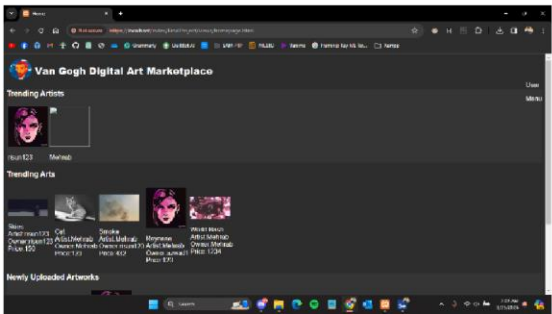
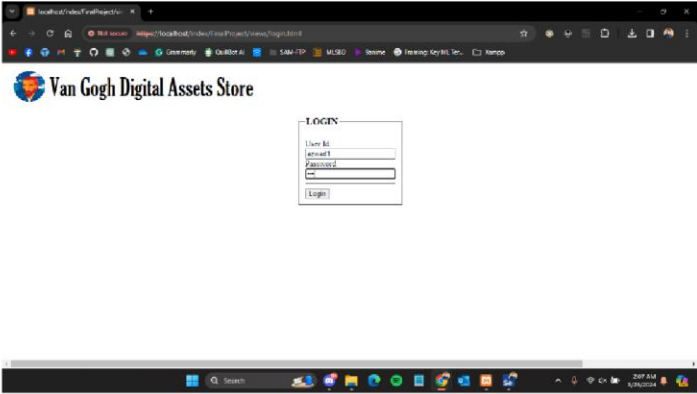
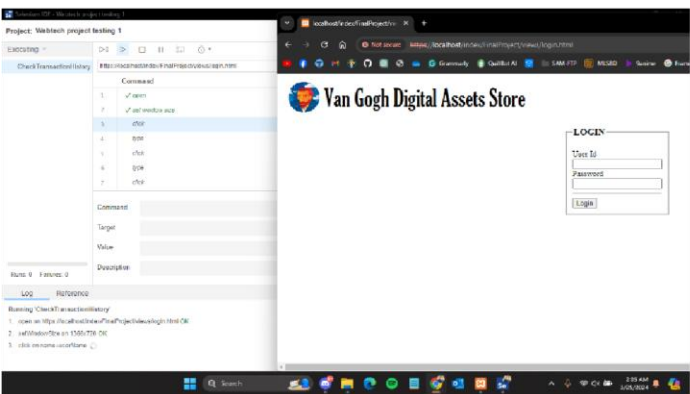
Pre-conditions: User has valid username and password

Dependencies:

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page	User= azwad01	User should be able to login	User is navigated to dashboard with successful login .	Pass	
2	Provide valid username	Password: 123				
3	Provide valid password					
4	Click on Login button					

Post-conditions:

User is validated with database and successfully logged in to account, the account session details are logged into the database. .



27. click on id=menu OK

28. click on linkText=Log Out OK

'LoginTest01' completed successfully

Project Name: Van Gogh Digital Assets Store

Test Case 02

Test Case ID: Tester01

Test Priority (Low/Medium/High): High

Module Name: Transaction

Test Title: Verify user being able to view all their previous transactions

Description: Test Transaction History page

Test Designed by: Azwad

Test Designed date: 25/03/24

Test Executed by: Azwad

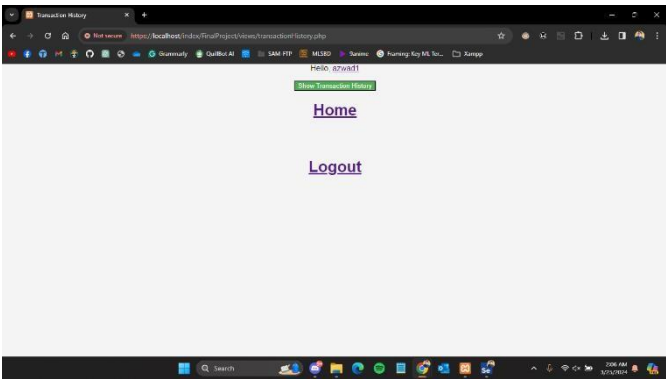
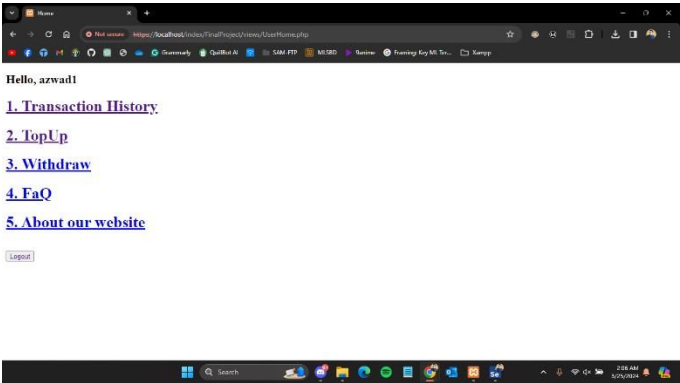
Test Execution date: 25/03/24

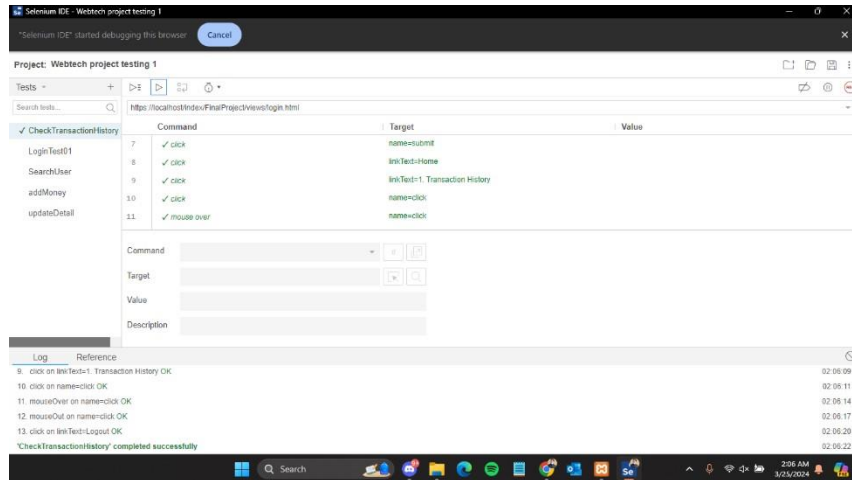
Pre-conditions: User has valid account with transactions

Dependencies:

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to transactions page		User should be able to view their all-previous transactions.	User is shown their transactions.	Pass	
2	Go to Transactions history page					
3	Click on show transaction history.					

Post-conditions:





Project Name: **Van Gogh Digital Assets Store**

Test Case 03

Test Case ID: **Tester01**

Test Priority (Low/Medium/High): **High**

Module Name: **Transaction**

Test Title: **Verify user being able to add money to their wallet**

Description: **Test TopUp page**

Test Designed by: **Azwad**

Test Designed date: **25/03/24**

Test Executed by: **Azwad**

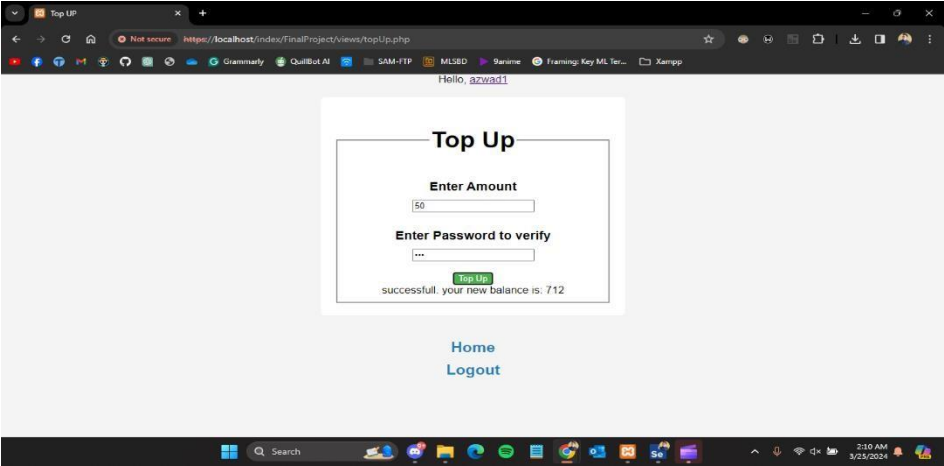
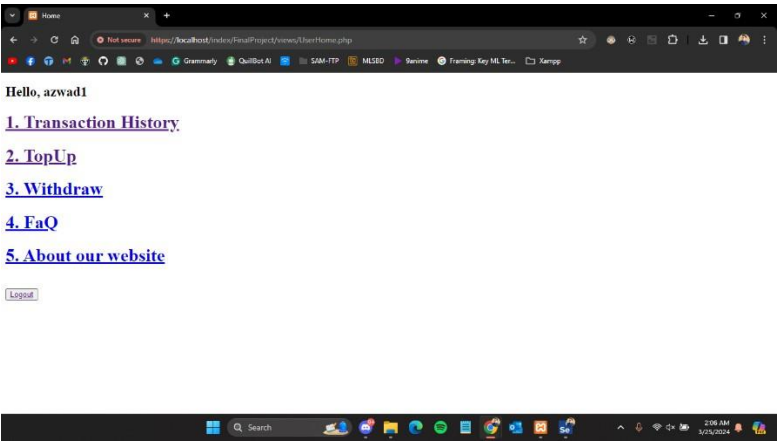
Test Execution date: **25/03/24**

Pre-conditions: User has valid account. **Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to transactions page		User should be able to add money.	User was able to add money.	Pass	
2	Go to TopUp page					
3	Write amount and password					

Post-conditions:

User's added money is validated and added to database.



Log	Reference
13. type on id=Password with value 123 OK	
14. click on name=click OK	
15. click on name=click OK	
16. click on linkText=Logout OK	
17. click on css=body OK	
'addMoney' completed successfully	

Project Name: **Van Gogh Digital Assets Store**

Test Case 04

Test Case ID: **Tester01**

Test Priority (Low/Medium/High): **High**

Module Name: **Home Page**

Test Title: **Verify user being able to search other user profiles**

Description: **Test Searching**

Test Designed by: **Azwad**

Test Designed date: **25/03/24**

Test Executed by: **Azwad**

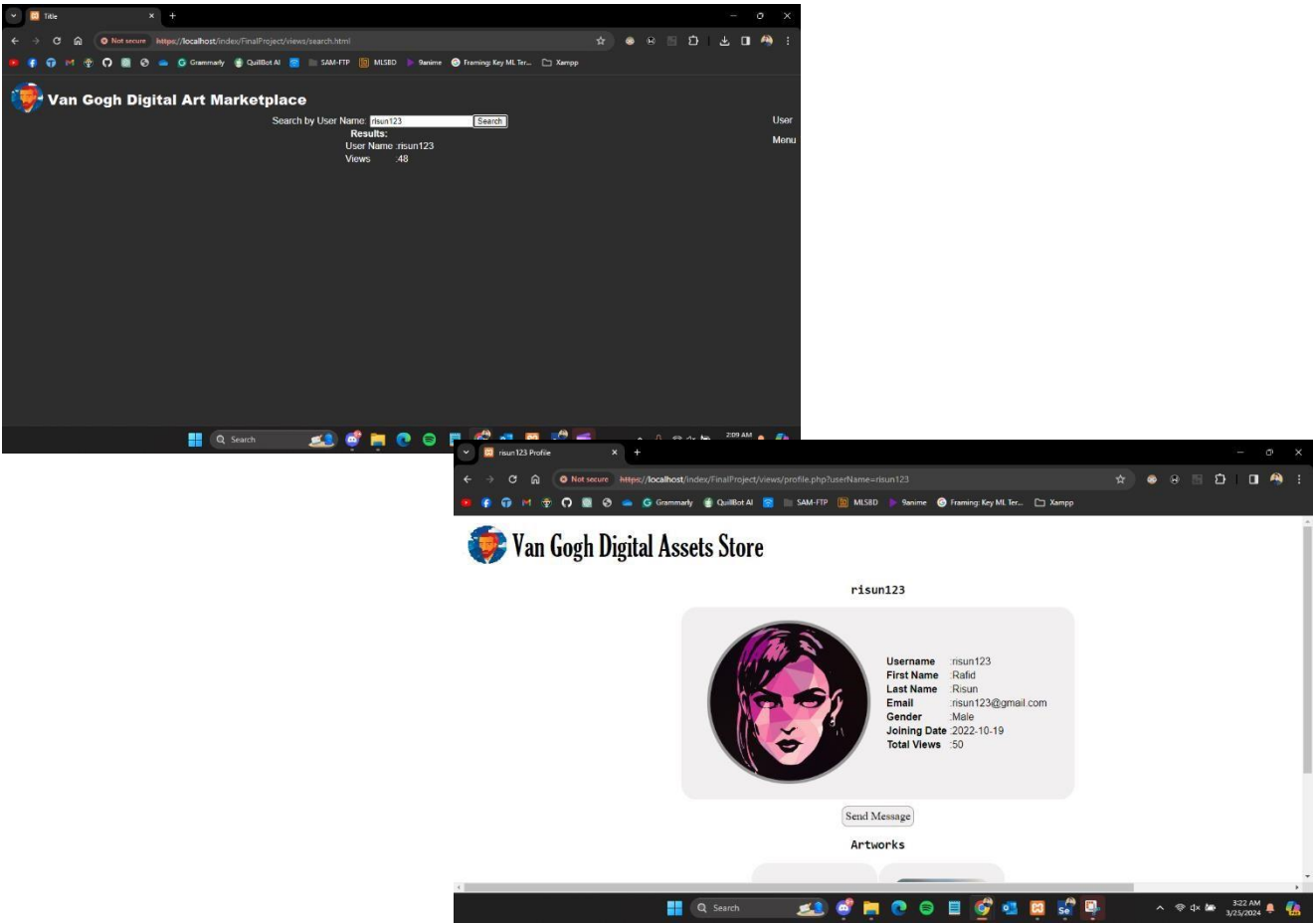
Test Execution date: **25/03/24**

Pre-conditions: **User has valid account.**

Dependencies:

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to home page		User should be able to search and view other users.	User was able to search other users and view their profile.	Pass	
2	Go to searching					
3	Write user's name on search bar					

Post-conditions:



Project Name: **Van Gogh Digital Assets Store**

Test Case 05

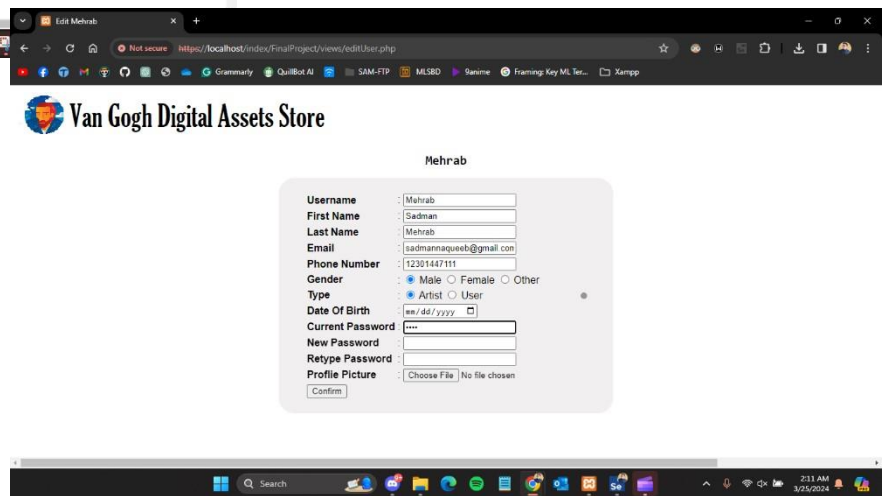
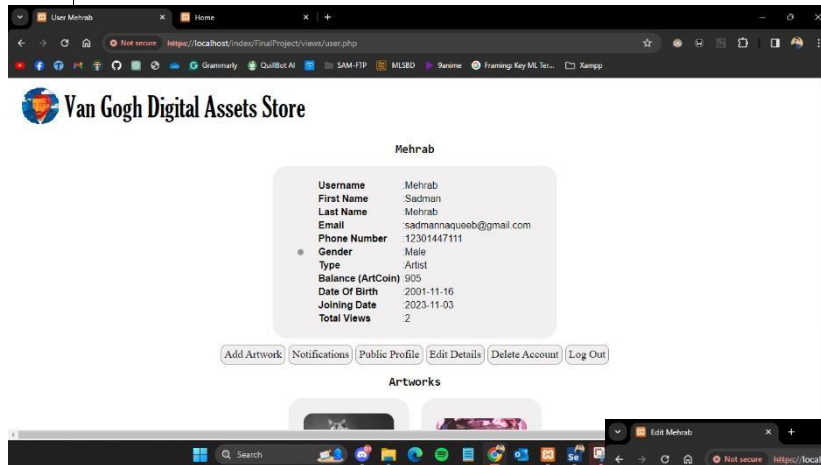
Test Case ID: Tester01	Test Designed by: Azwad
Test Priority (Low/Medium/High): High	Test Designed date: 25/03/24
Module Name: Profile	Test Executed by: Azwad
Test Title: Verify user being able to update their information	Test Execution date: 25/03/24
Description: Test edit profile option	

Pre-conditions: User has valid account. **Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
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1	Navigate to home page and click on user		User should be able to change relevant details of their profile.	User was able to change relevant details of their profile.	Pass	
2	Click edit details					
3	Change relevant details and password to confirm					

Post-conditions: Users changes were validated and updated on database.



Log Reference

22. click on id=password OK
 23. type on id=password with value 1234 OK
 24. click on name=submit OK
 25. click on css=_button:nth-child(6) OK
 26. click on linkText=Log Out OK
- 'updateDetail' completed successfully

All the test cases ran successfully.

The screenshot shows the Selenium IDE interface with the following components:

- Project:** Webtech project testing 1
- Address Bar:** https://localhost/index/FinalProject/views/login.html
- Test Suite List (Left):**
 - ✓ CheckTransactionHistory
 - ✓ LoginTest01
 - ✓ SearchUser
 - ✓ addMoney
 - ✓ updateDetail (Selected)
- Main Test Steps Table:**

	Command	Target	Value
20	click	name=submit	
21	assert alert	Please Enter Current Password	
22	click	id=password	
23	type	id=password	1234
24	click	name=submit	
25	click	css=button:nth-child(6)	
26	click	linkText=Log Out	
- Form Fields (Bottom):**
 - Command: [Dropdown]
 - Target: [Input Field]
 - Value: [Input Field]
 - Description: [Input Field]
- Log Panel (Bottom):**

Log	Reference
22. click on id=password OK	03:30:58
23. type on id=password with value 1234 OK	03:31:01
24. click on name=submit OK	03:31:05
25. click on css=button:nth-child(6) OK	03:31:09
26. click on linkText=Log Out OK	03:31:13