

Automation Task - Selenium with Java

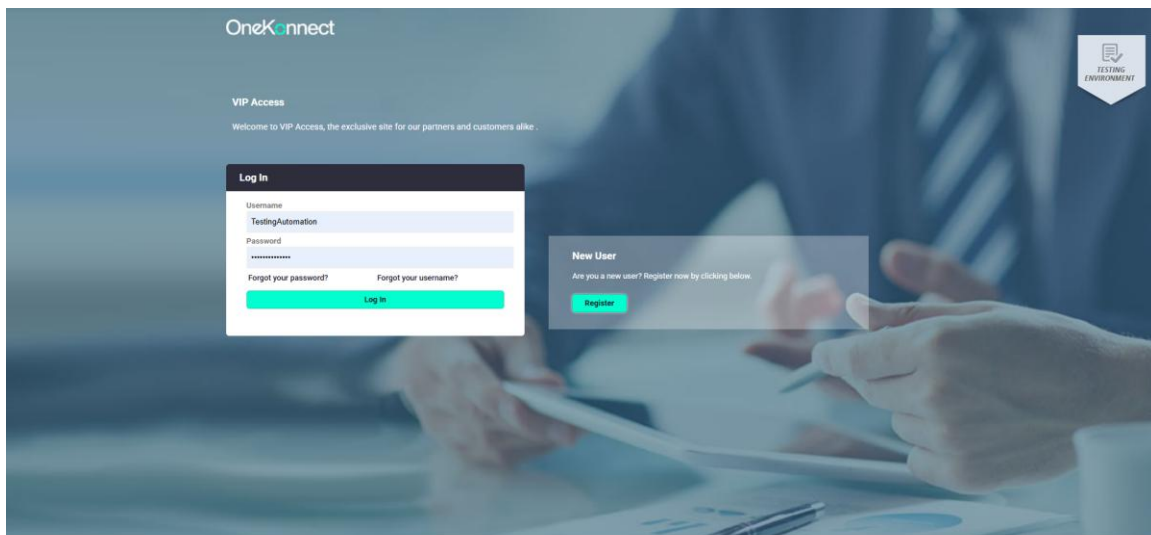
As part of the technical interview process, you are required to complete the following automation task using Selenium WebDriver with Java. This task is designed to assess your understanding of UI automation, design patterns (specifically Page Object Model), and data-driven testing practices.

Task Description

Automate the following user scenario on the website

https://devtesting.onekconnect.com/eBNPartnerPortal_test2/Account/Login

1. Open the website and verify the login page is displayed.

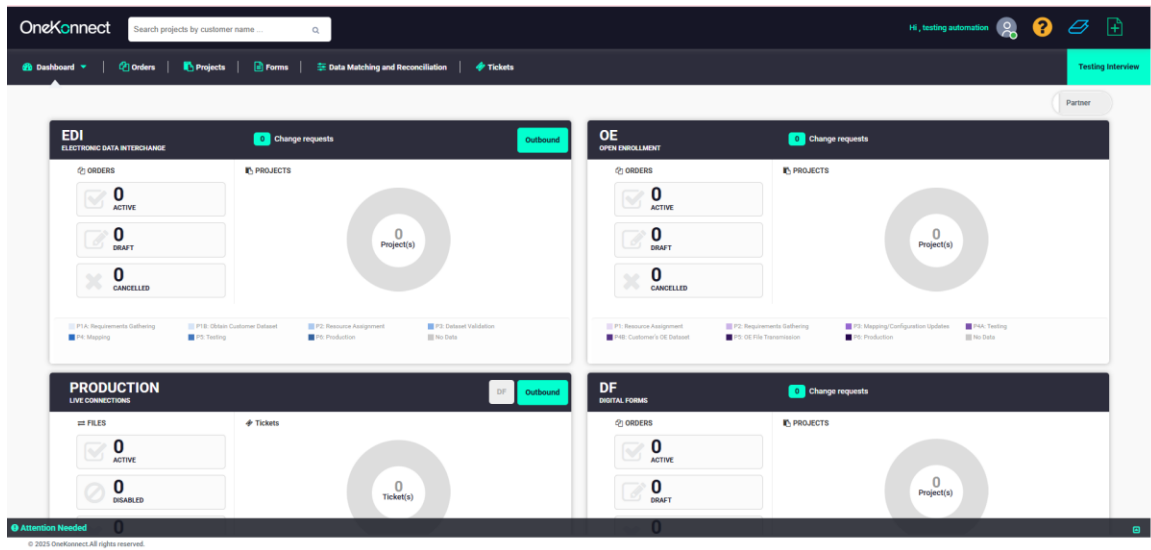


2. Login using valid credentials

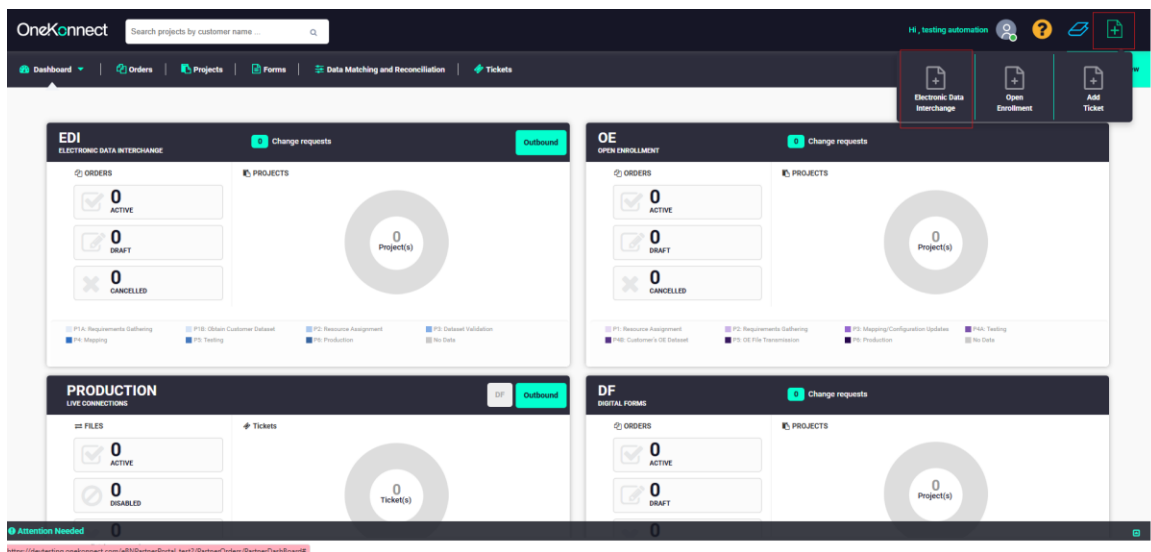
- UserName: TestingAutomation
- Password: Interview@123!

(use data-driven approach for username and password).

3. Verify that the dashboard page is displayed after successful login.



4. Click at the Add (+) button at the top right then click on the electronic data interchange button.



5. Fill out the form with only the mandatory fields (with red asterisk) (use data-driven approach).

6-click on submit order button to submit the form successfully

7.after submitting the form successfully, navigate to orders tab

OneConnect Search projects by customer name ...

Dashboard Orders Projects Forms Data Matching and Reconciliation Tickets

Testing Interview

Order Information

Order Number	11400	Creation Date	8/7/2025
Order Type	EDI		
Partner/Reseller	Partner	Submit Date	8/7/2025

Contact Information

Contact Name	testing automation	Contact Phone	(000) 000-0000
Contact Title	none	Contact Email	test@interview.com

Customer Information

Customer Name	test INTERVIEW	Customer ID	test111
Federal Tax ID	none	Contact Name	USEP
Contact Phone	none	Contact Email	TEST@TEST.COM
Street Address	dds	City	ZCZK
State	Indiana	Zip Code	55555
# of Companies	1	Allowed to Contact Customer	No
Customer Key	9p0AAEDfAgA~		

Mapping Contact Information

Contact Name	none	Contact Phone	none
Contact Title	none	Contact Email	none

test INTERVIEW

Company Name	test INTERVIEW	City	ZCZK
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Attention Needed

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8.verify that the order you have created is displayed successfully in the orders page

OneConnect Search projects by customer name ...

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Testing Interview

Search by: --select-- Keyword: Search

Status: --select-- Order type: --select-- ☐ Filter Sub Partners only ☐ Show Migration Only

Customer Name	Customer ID	Order #	Order Type	Order Date	Submission Date	Status	Sub Partner	Carriers	Actions	History	OE Services	Open AI
test INTERVIEW	test111	11400	EDI	8/7/2025	8/7/2025	Active		Carrier connection(s)	Change Request	View History	OE service	0

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Export to excel

Attention Needed

<https://dev.testing.oneconnect.com/v8NP/PartnerPortal/Test2/PartnerOrders/ViewPartnerOrders>

Requirements

Your solution must include the following:

- Use Selenium WebDriver with Java.
- Apply the Page Object Model (POM) design pattern.
- Implement Data-Driven Testing (using Excel or CSV file or Json).
- Use TestNG as the test framework.
- Include proper validations using assertions.
- Ensure your code is well-structured and readable.

- Include comments where necessary.

Deliverables

You must:

1. Upload your complete automation project to a public GitHub repository.
2. Share the GitHub repository link in your submission.
3. Ensure the repository includes a README file explaining:
 - How to run the tests.

Evaluation Criteria

- Correctness of the implemented test scenario
- Use of POM design pattern
- Use of data-driven testing approach
- Code readability and structure
- Proper usage of version control (Git) and GitHub