OneKonnect

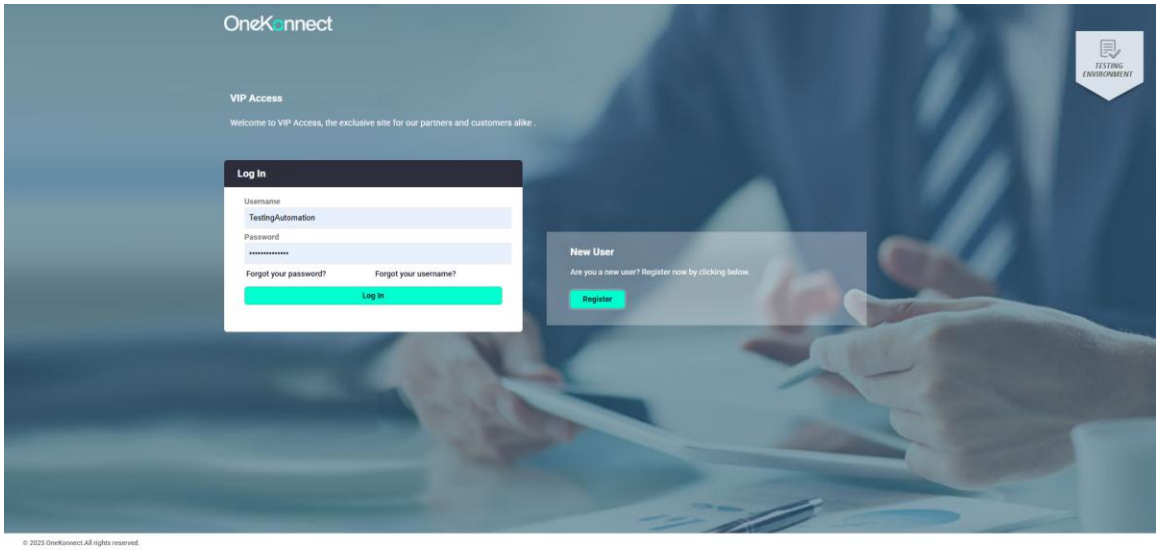
Automation Task - Selenium with Java

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.onekonnect.com/eBNPartnerPortal_test2/Account/Login

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

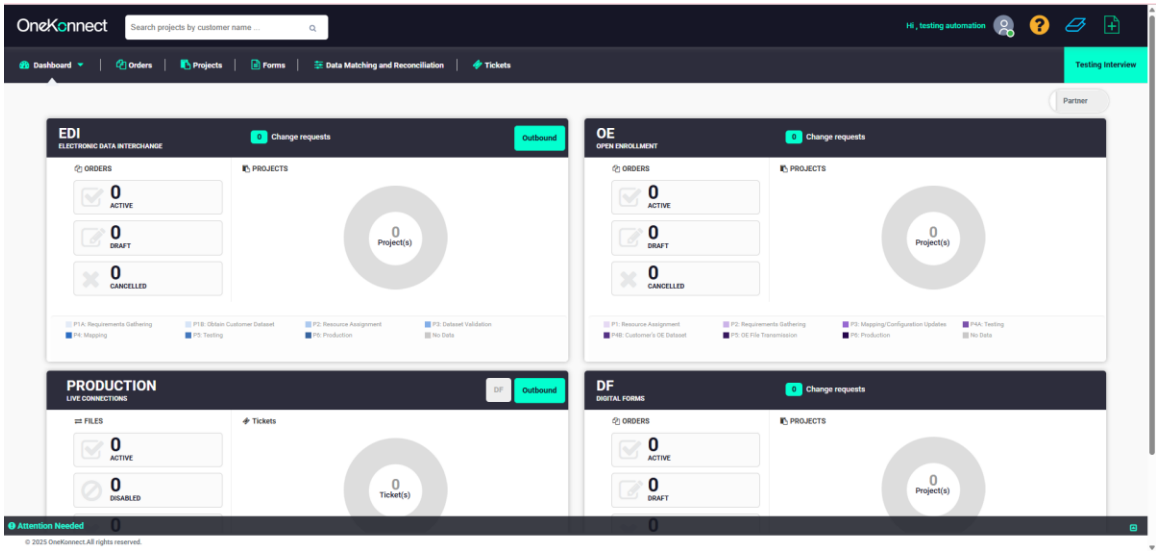


2. Login using valid credentials

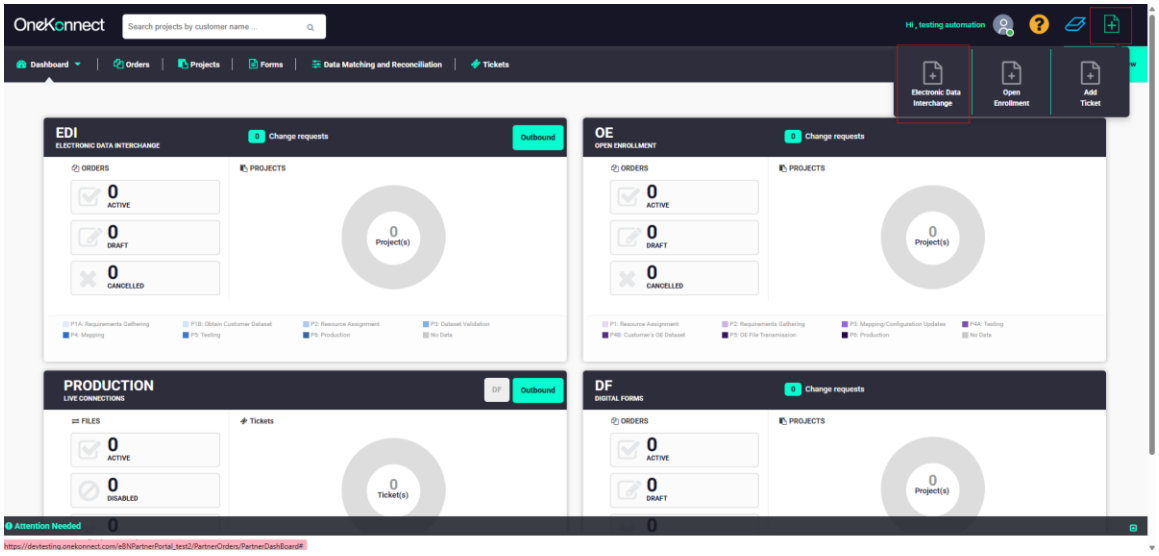
- UserName: TestingAutomation
- Password: Interview@123!

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

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

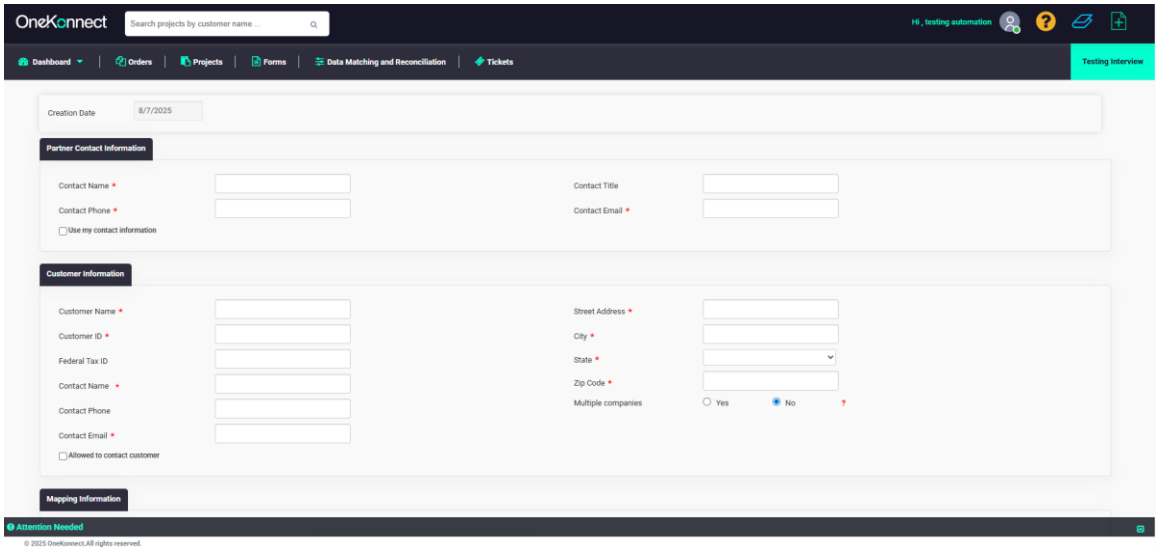


4.Click at the Add (+) button at the top right then click on the electronic data interchange button.

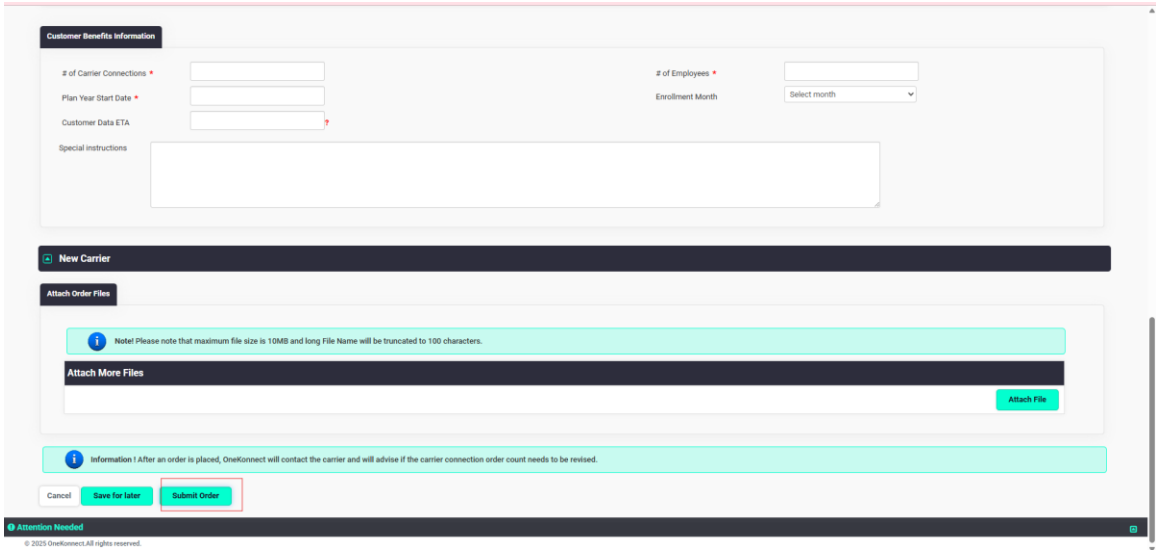


5.fill out the form with only the mandatory fields (with red asterisk)

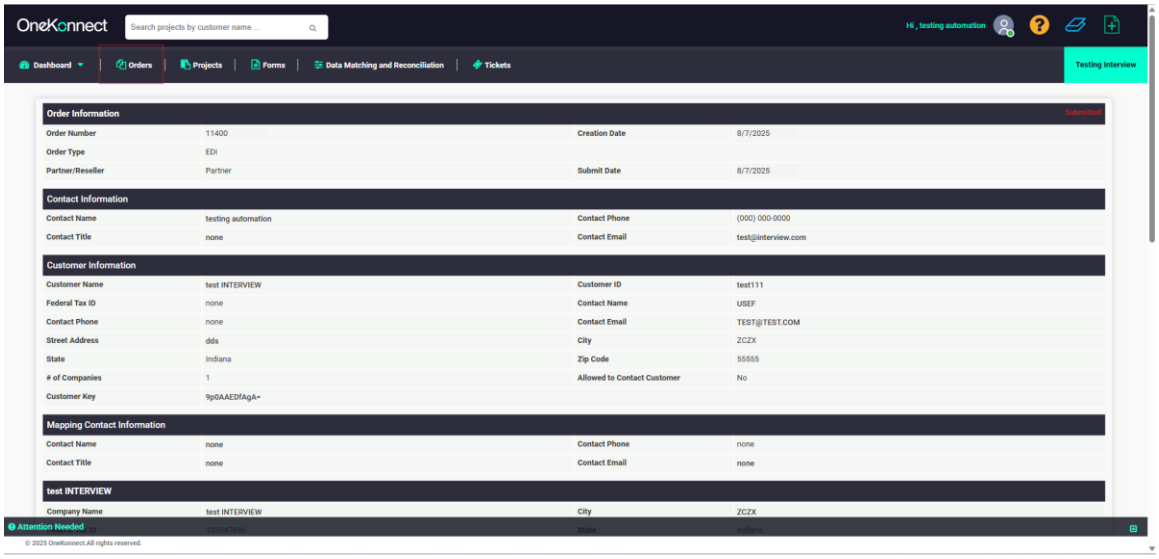
(use data-driven approach).



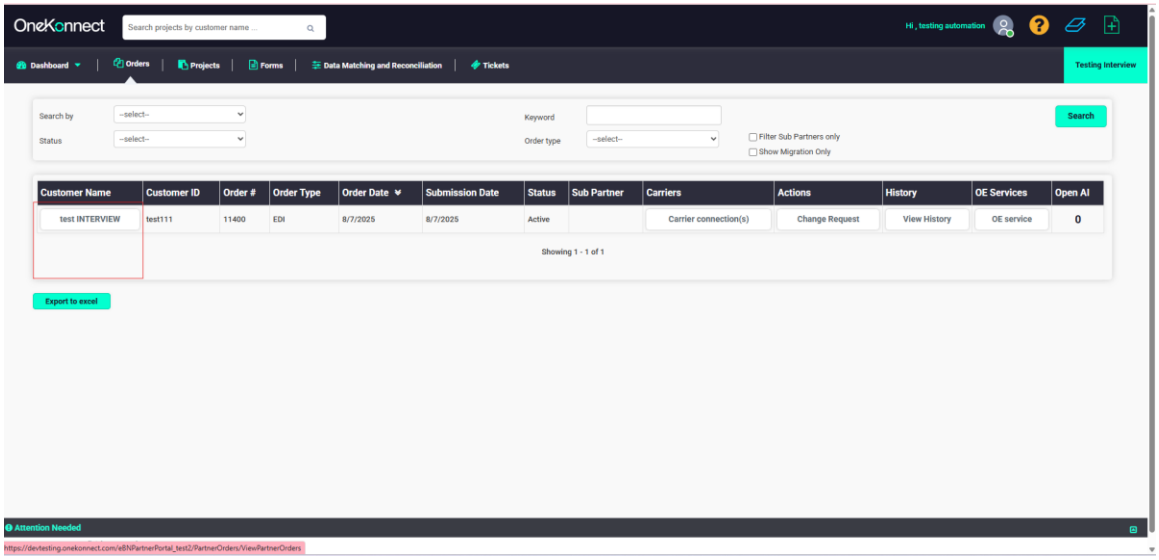
6-click on submit order button to submit the form successfully



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



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



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