

Assignment for Automating UI and API Tests

Thank you for your time and we appreciate your [Gerimedica](#) interest.

According to your application, ***please follow all of the instructions*** to complete your assignment project:

- Put your project name as in the following format {\$FullName}-GM-Assignment
For instance: **JohnDoe-GM-Assignment**
- Keep your API and UI tests in the same project but different folder (for instance; e2e/ui and e2e/api)
- Use **Typescript** along with the testing application **Playwright**
- Use page object pattern

Please make sure you adhere to all of the instructions, otherwise your assignment might not be considered.









All tests will be performed on DemoQA.COM

1. TC01- Scenario A - **Verify user can enter new data into the table**

- Go to url <https://demoqa.com/>
- Navigate to “Elements”
- Click on “Web Tables”
- Click on “Add” button
- Enter below input fields and Hit submit
 - ◆ First Name: “Alden”
 - ◆ Last Name: “Cantrell”
 - ◆ Age: 30
 - ◆ Email: test@test.com
 - ◆ Salary: 12345
 - ◆ Department: QA
- Put your assertions

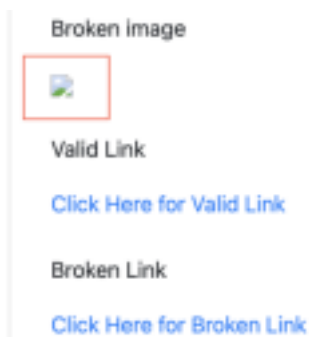
2. TC01- Scenario B - **Verify user can edit the row in a table**

- Click on edit icon in the second row of the table that contains firstname “Aldren”
- Edit the First Name to “Gerimedica” and Last Name to “BV” and Hit save.
- Put your assertions

Add		Type to search				
First Name	Last Name	Age	Email	Salary	Department	Action
Cierra	Vega	39	cierra@example.c...	10000	Insurance	 
Gerimedita	BV	45	alden@example.com	12000	Compliance	 
Kierra	Gentry	29	kierra@example.c...	2000	Legal	 
Alden	Cantrell	30	test@test.com	12345	QA	 

3. TC02 - Verify broken image

- Go to url <https://demoqa.com/>
- Navigate to “Elements”>>“Broken Links-Images”
- Put your assertions for the first broken image



4. TC03 - Verify user can submit the form.

- Go to url <https://demoqa.com/>
- Navigate to Forms>>Practice Form
- Enter all the input fields including picture and hit Submit
 - ◆ First Name: Gerimedita
 - ◆ Last Name : BV
 - ◆ Email: test@test.com
 - ◆ Gender : Male
 - ◆ Mobile: 0123456789
 - ◆ Date of Birth: 15th January 1990
 - ◆ Subjects: Playwright Assignment
 - ◆ Hobbies: Reading
 - ◆ Select any picture
 - ◆ Current Address: Netherlands
 - ◆ State and City : NCR, Delhi
- Put your assertions

Thanks for submitting the form

Label	Values
Student Name	Gerimedica BV
Student Email	test@test.com
Gender	Male
Mobile	0123456789
Date of Birth	15 January,1990
Subjects	
Hobbies	Reading
Picture	Screenshot 2022-10-17 at 1.01.07 PM.png
Address	Weena
State and City	NCR Delhi

Close

5. TC04 - Verify the progress bar

- Go to url <https://demoqa.com/>
- Navigate to Widget >> Progress Bar
- Click on start the progress bar
- Put your assertions

Progress Bar



Reset

6. TC05 - Verify the tooltip

- Go to url <https://demoqa.com/>
- Navigate to Widget >> Tool Tips
- Hover over the button "Hover me to see"
- Put your assertions

Hover me to see

You hovered over the Button

7. TC06 - Verify user can drag and drop

- Go to url <https://demoqa.com/>
- Navigate to Interactions >> Droppable
- Drag the "Drag me" box to "Drop Here" area

→ Put your assertions



API testing:

Please test below endpoints by automating at least one happy flow and one unhappy flow.
Hint! Generation of token is required for adding and removing books.

8. **Creation of user account** by using the api provided
<https://demoqa.com/swagger/#/Account/AccountV1UserPost>
9. **Add a list of books** for the created user
<https://demoqa.com/swagger/#/BookStore/BookStoreV1BooksPost>
10. **Remove one of the added books**
<https://demoqa.com/swagger/#/BookStore/BookStoreV1BookDelete>

Notes:

- Api swagger works, there is no problem with <https://demoqa.com/swagger>. So please pay some attention to figure out token generation.
- Preparing a README file will be a bonus! But please take 'best practices' into account while preparing it.
- Test scenarios and the project structure must be sustainable and reproducible.
- If you use Github please make your repository private and you can add us as collaborators after it's done.

Success!