



Evaluation

2024 – Q1

Guidelines

- Code must be presented by deadline (**disregarding successful execution of test cases**)
- Any development language and testing framework is allowed
- Any browser is allowed
- **Deadline: 31 March**
- Results must be presented in a meeting, showing a Demo on the execution status and explaining the thought process (all mentors must be invited to the meeting: March Chan, Josue Flores, Rossana May, Edgar Tepichin and Alejandra Alejo).
- Participants must upload their code to the [CoE Repository](#) in a separate branch. Name: "MyName_Evaluation2024_Q1" before the presentation. Please check that you have access to this repository. Open a ticket with IT if you don't have access.
- Participants must highlight the used concept in every step using comments where the automation concept was applied
- This Evaluation is mandatory to all participants of the CoE
- Only the **Objective** part of the User Stories is required for the review, the **Bonus** is a nice to have

What are we going to Evaluate?

- Application of automation concepts to the practice
 - Page Object Model
 - Relative Locators (Id/XPath/Name)
 - Waits
 - Assertions
 - Reusability
- Application of automation Object Oriented Programming concepts (If Apply)
 - Overloading
 - Overwriting
 - Inheritance
 - Interfaces
 - Polymorphism
- Use of testing framework if apply (TestNG/Junit/Xunit/etc....)
 - Annotations
 - Runner
 - System Variables
 - Categorize tests using tags (tests suites)
- Use of Automation Methodologies (BDD, BDT, etc....)
- Asserts should be consistent with the test case objective
- Handling errors
- Execution Report
- Coding Standards
- Use of a package manager like Maven/Ant/Nugget(Microsoft)/etc....
- Use of a Data Provider
- Test Case design
- User Story Breakdown into simpler tasks
- Prepare the code to be executed by command line and not just using the development IDE (maven/TestNG/etc..)
- Execute the code in a pipeline
- Create a Pipeline job under schedule

User Story

Objective: The client wants to verify that a new user can be created and login into the system.

url: <https://parabank.parasoft.com/parabank/index.htm>

Bonus: Create and login 10 different users.

User Story

Objective: The user should be able to navigate through the different links in the login page and verify that the system redirect you to:

Links:

About Us: <https://parabank.parasoft.com/parabank/about.htm>

Services: <https://parabank.parasoft.com/parabank/services.htm>

Products: <https://www.parasoft.com/products/>

Locations: <https://www.parasoft.com/solutions/>

Bonus: Open Products and Locations in a different tab.

User Story

Objective: The user should be able to navigate to PopupForm section, create a new dinner registration and verify the dinner creation through the confirmation popup.
url: <https://www.demowf.aspnetawesome.com/>

Bonus: Verify that the form mark the fields as required

User Story

Objective: The user should be able to edit the latest entry in dinner table (Grid CRUD), the verify that the information change in the table.

Bonus: Repeat the objective using the first entry in the next 4 table pages

Moving Forward

“Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time.” – Thomas Edison