Weekly Log

Week No   : 1

Date   : 22nd July 2024 – 26th July 2024

Trainee Name : Muhammad Fitri Bin Yusa'

Description of Task/Assignment:

In the first week of the internship, I was given materials and training by the supervisor. The materials included are Exploratory Testing (ET), Cypress automation testing.

These are the tasks or activities that we have done for this week:

- 22/7
  - Learn about the Exploratory Testing (ET) which is one of the testing techniques that enables tester to analyze the user interface and its functionality.
  - Study differences between test scenario and test case
  - Analyzed how to ask questions a tester
- 23/7
  - watched and learn Testing JavaScript with Cypress
  - joined call with Miss Haidi and Agile QA testing team
  - watch and learn how the ET procedure works by the team (explore the system, find any bugs or issues, report and document it if any)
  - joined called with the automation cypress team
  - took notes on what to consider when coding for automation testing
  - took notes on flow of testing, modules and plan for automation testing
  - being showed multiple scenarios to be consider
- 24/7
  - analyzed notes given by Mufugi about cypress
  - called with Murfuqi for cypress introduction
  - go through installing cypress, run the tests, how to fill up the sign up form (cy.contains, cy.get, .select, .click)
  - learned how to navigate using dev tools
  - learned to use mailosaur and implemented it in cypress
  - continue explore, learn and practice cypress
- 25/7
  - called with Mufugi for continue the cypress learning session

- o went through learned how to intercept API using cy.intercept and insert verification code from Mailosaur
- o revise the cypress learning session (sign-up, random email variable, intercept API)
- o read and take notes about mailosaur and API intercept
- o analyzed user journey materials
- o analyzed BDD testing using gherkin scenario materials
- 26/7
  - o practiced intercept API
  - o went through the material of Design Patterns and Algorithm
  - o read and analyzed the new material about BDD testing
  - o called with cypress team for BDD testing implementation
  - o called with Zeyad for setup cucumber-cypress

Signature   :

Supervisor Name   :

Company/Supervisor Stamp :

Date   :

Remarks   :

Weekly Log

Week No : 2

Date : 29th July 2024 – 2nd August 2024

Trainee Name : Muhammad Fitri Bin Yusa'

Description of Task/Assignment:

This week, I learned how to implement the things taught last week. I practiced using Cypress and implementing BDD.

These are the tasks or activities that we have done for this week:

- 29/7
  - practiced BDD cucumber-cypress
  - learn and analyse code-refactoring material
  - setup debugger for Android device
- 30/7
  - Practicing cypress using a dummy website
    - Implementing what has been taught
    - Search elements using dev tools
    - Implementing cy.intercept
    - Use assertion such as .should('be.visible')
- 31/7
  - Learned on how to use cypress and BDD together
  - continued practicing cypress with other components
    - sign in components
    - able to implement data table into the cypress
- 1/8
  - continued practicing cypress with other components
    - initiate the institution
    - learn to check on correct elements before implementing into cypress
    - able to do the testing for repetitive elements
- 2/8
  - continued practicing cypress with other components
    - education components
    - research on how to get the correct elements and not using force : true for hidden elements

Signature :

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Company/Supervisor Stamp :

Date :

Remarks :

Weekly Log

Week No   : 3

Date   : 5ᵗʰ August 2024 – 9ⁿᵈ August 2024

Trainee Name : Muhammad Fitri Bin Yusa'

Description of Task/Assignment:

Continue practicing Cypress and BDD using other elements in the Yuzee websites. I learned other commands available in Cypress to get the correct elements.

These are the tasks or activities that we have done for this week:

- 5/8
    - practiced BDD cucumber-cypress
    - practice Cypress using other components (sign in)
- 6/8
    - continued practicing cypress (BDD), on work availability (completed)
        - profile → background → work availability → internship
    - attended a call with the team to update the progress of Cypress practice
        - updated on the Sign up until completing the onboarding and work availability and any issues encountered
- 7/8
    - continue with cypress practice
        - implement another scenario (add work experience) into the test
        - attach file using .selectFile('')
    - implement another scenario (add work experience) into the test
        - use data table
- 8/8
    - resolved the issue with the checkbox (with the correct element correctly)
        - research on how to use data tables with correct logic (ongoing)
    - attended a call with Tanzif and others to walk through the logic and flow of the user module
        - learn how to do exploratory testing on both web and app
        - go through the flow of sign-up and user module
        - learn how to add, view, edit, and delete to find any bugs
    - continued practicing cypress with other components
        - intro video
        - projects
        - contact details

- 9/8
  - continue practicing cypress using other components and be able to make the test passed
    - edit profile, insert profile and background image
    - get to know me
    - My docs
    - hobbies
    - skills
  - using for loop for repetitive elements
  - research on how to optimize and clean code

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Supervisor Name   :

Company/Supervisor Stamp :

Date   :

Remarks   :

Weekly Log

Week No   : 4

Date   : 12th August 2024 – 16nd August 2024

Trainee Name : Muhammad Fitri Bin Yusa'

Description of Task/Assignment:

Continue practicing Cypress and BDD using other elements in the Yuzee websites. I learned other commands available in Cypress to get the correct elements.

These are the tasks or activities that we have done for this week:

- 12/8
    - continued the cypress practice with other components
        - Education (use for loop for add subject / add semester)
        - add an assertion to make sure the test is being tested correctly
        - learn how to click the slider (.click() , .check()) but here I use .click() since .check() not working
- 13/8
    - continued the automation cypress practice with other components
        - award
        - background → education
- 14/8
    - able to use data table for education
    - continued the cypress practice with accomplishment components
        - publication
        - patent
        - language
- 15/8
    - continued cypress practice with a different components / scenario
        - completed all components in the user profile (sign up → onboarding → user home page → user profile → components)
        - sign in instead of sign up
        - add forEach() (for loop for data table) in education (looping the same elements, add subjects, add semester)

- o Research more on how to write good BDD scenarios
- 16/8
  - o list out ideas to refactor the code
  - o created several other scenarios
  - o edited previous BDD to be more specific
    - add profile photo
    - add background photo
    - edit profile
    - contact details
    - my docs

Signature   :

Supervisor Name   :

Company/Supervisor Stamp :

Date   :

Remarks   :