

Software Testing Project Guidelines

Website undertest link:

OrangeHRM

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

Deliverables Summary:

1. Manual Testing for the project.
2. Test automation framework for the website.
3. Test summary report for the project.

Deliverables Details:

1. Manual Testing:

- All the following should be on the project's Jira board.
- Test Cases:
 - Detailed test cases for as much features as you can.
 - Each test case should be linked to its related user story.
- Bug Reports:
 - Detailed bug reports for as much bugs as you can.
 - Each bug should be linked to its related user story and test case(s).
 - Each bug should have evidence (screenshot / video).

2. Test automation framework for the website:

- Choose suitable test cases from the manual phase to be automated.
- Framework structure:
 - Choose any suitable framework type.
 - Use POM design pattern.
 - Use selenium4 with java.
 - Use TestNG framework.
 - Use maven as project management tool.

Bonus: Use Allure report with screenshots in case of pass and failure.

3. Test summary report for the project:

- Test summary report for the project should contain the following:
- Manual Execution Metrics:
 - Total planned test cases.
 - Total executed test cases.
 - Test cases coverage percentage.
 - Total passed test cases.
 - Total failed test cases.
 - Total reported bugs.
 - Remarks.
- Automation Execution Metrics:
 - Total planned test scripts.
 - Total executed test scripts.
 - Test automation scripts coverage percentage.
 - Total passed test scripts.
 - Total failed test scripts.
 - Remarks.

Project Submission:

- Make sure to upload your project on **Final Projects** tab on your group channel on **Microsoft Teams** application.