

## Homework for Senior QA

### 1. Bug Reporting Exercise

Objective: Assess your ability to identify and report bugs.

Task: simple web application with access will be provided

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

Task is to test the application and report at least five bugs you find. For each bug, please include:

Steps to reproduce the bug

Expected result

Actual result

Severity of the bug (e.g., Critical, Major, Minor)

Screenshots or videos (if applicable)

### 2. Test Case Writing

Objective: Evaluate skills in writing clear and effective test cases.

Task: Below is a brief description of a feature:

Feature: Login Page

The login page allows users to enter their username and password to access their account.

There is a "Forgot Password" link that redirects users to a password recovery page.

The page includes "Login" and "Cancel" buttons.

Write at least ten test cases for this feature, covering different scenarios such as:

Positive test cases (e.g., valid username and password)

Negative test cases (e.g., invalid username or password)

Edge cases (e.g., empty fields, special characters)

### 3. Basic Automation Script

Objective: Check basic understanding of automation tools and scripting.

Task: Automate the login process of a web application using a tool like Selenium. Your script should:

Open the web browser and navigate to the login page

Enter a valid username and password

Click the "Login" button

Verify that the user is successfully logged in

Please include:

The script code

Instructions on how to run the script

Explanation of the script's functionality

#### **4. Test Plan Creation**

Objective: Assess the ability to create a comprehensive test plan.

Task: Below is a brief project description:

Project: Developing a new e-commerce website

The website will allow users to browse products, add items to their cart, and complete purchases.

It will include features such as user registration, product search, and order history.

Create a test plan that includes:

Scope of testing

Testing objectives

Types of testing to be performed (e.g., functional, performance, security)

Test schedule

Risk analysis