### **Student name - Poulomi Roy**

### **Manual Testing Hands-On**

#### **Testing Process for the Assigned Features**

### **Objective**

To perform manual testing on the assigned features and document test scenarios, test cases, bugs, test plans, and other deliverables while uploading the findings into Jira.

### **Tools Required**

* **Tools**: Jira, MS Excel/Google Sheets (for test cases and bug tracking templates)
* **IDE/Text Editor**: Any text editor for documentation (MS Word, Google Docs, etc.)

### **Pre-requisites**

Students should have a basic understanding of:

* Test scenarios and test cases
* Bug reporting techniques
* Test planning and execution
* Jira for test management and bug tracking

### **Features Assigned**

1. **User Registration**
2. **Currency Selector**

### **Assignment Instructions**

#### **Part 1: Setup Environment**

1. Open the website: [**Tutorials Ninja Demo**](https://tutorialsninja.com/demo/).
2. Explore the features to understand functionality.
3. Create the necessary templates for:
   * Test scenarios
   * Test cases
   * Bug reports
   * Test summary reports

#### **Part 2: Write Test Scenarios and Test Cases**

* Use the template for documenting test scenarios and test cases.
* Perform exploratory testing and write test cases for the assigned features.

#### **Part 3: Find and Document Bugs**

* Test the entire website and find bugs.
* Document bugs with screenshots.

#### **Part 4: Create a Test Plan Document**

Include:

* Objective
* Scope of Testing
* Test Environment
* Testing Tools & Resources
* Deliverables
* Risks and Mitigation
* Entry and Exit Criteria
* Test Deliverables
* Roles and Responsibilities
* Test Schedule/Timeline
* Acceptance Criteria

#### **Part 5: Test Execution and Test Summary Report**

* Execute test cases and document results.
* Include total test cases, pass/fail rate, and bugs identified.

#### **Part 6: Create Epics and User Stories**

In Jira, create Epics and User Stories for the assigned features.

#### **Part 7: Create a Mindmap**

Design a mindmap to represent:

* Test objectives
* Test coverage
* Scenarios and test cases

#### **Part 8: Upload Work to Jira**

1. Add test cases to Jira under the respective Epics.
2. Log bugs and mark test cases as executed (Pass/Fail).

#### **Part 9: Create a Presentation**

Prepare a 10-15 minute presentation summarizing:

* Feature overview
* Approach to testing
* Key findings (bugs, test cases)
* Screenshots from Jira

### **Evaluation Criteria**

#### **Correctness**

* Thoroughness of test cases and scenarios.
* Accuracy of bug reports.

#### **Completeness**

* All deliverables submitted as required.

#### **Quality**

* Well-documented and formatted test cases and reports.

#### **Presentation**

* Clarity of explanations and insights shared during the presentation.