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| Test of Objective | The test objective is to verify the proper functionality of the registration and login processes, ensuring correct user input handling, successful authentication, and appropriate error messages for invalid data |
| Name of user | Md Foysal Mal |
| Test Date | 23-12-2024 |
| Version | 01 |

**Test Cases for Registration Flow**

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| Test Case ID | Title | Description | Reproduce Steps | Expected Result | Actual Result | Status (Pass/Fail) | Comments |
| REG\_TC\_01 | Register with valid inputs | Test registration with valid data for all required fields. | 1. Navigate to the Registration page. 2. Fill in all required fields with valid data. 3. Submit the form. | Registration should be successful with a confirmation message. |  |  |  |
| REG\_TC\_02 | Duplicate email/username | Ensure system rejects registration with duplicate email/username. | 1. Navigate to Registration page.\n2. Enter duplicate email/username.\n3. Submit the form. | Error message: "User already exists." |  |  |  |
| REG\_TC\_03 | Password complexity check | Verify rejection for weak password (too short or common password). | 1. Navigate to Registration page.\n2. Enter valid email, username, and weak password.\n3. Submit the form. | Error message for weak password. |  |  |  |
| REG\_TC\_04 | Empty Fields | Test registration with one or more required fields left empty. | 1. Leave required fields blank (e.g., username or address). 2. Submit the form. | Display an error message indicating required fields and prevent registration. |  |  |  |
| REG\_TC\_05 | Invalid email format | Ensure error when an invalid email format is entered. | 1. Navigate to Registration page.\n2. Enter invalid email (e.g., "test@com")\n3. Submit the form. | Error message for invalid email format. |  |  |  |

**Test Cases for Login Flow**

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| Test Case ID | Title | Description | Reproduce Steps | Expected Result | Actual Result | Status (Pass/Fail) | Comments |
| TC\_LOGIN\_POS\_01 | Valid Credentials | Test login with a valid username and password. | 1. Navigate to the Login page. 2. Enter valid credentials. 3. Click 'Log In'. | User should successfully log in and be redirected to the dashboard. |  |  |  |
| TC\_LOGIN\_NEG\_01 | Incorrect Password | Test login with a valid username but an incorrect password. | 1. Enter a valid username. 2. Enter an incorrect password. 3. Click 'Log In'. | Display error message indicating incorrect credentials. |  |  |  |
| TC\_LOGIN\_NEG\_02 | Non-existent Username | Test login with a username that does not exist in the system. | 1. Enter a username that does not exist. 2. Enter any password. 3. Click 'Log In'. | Display error message indicating the username does not exist. |  |  |  |
| TC\_LOGIN\_NEG\_03 | Empty Fields | Test login with one or more fields (username or password) left empty. | 1. Leave username or password blank. 2. Click 'Log In'. | Display error message indicating that all fields are required. |  |  |  |

**Test Environment**:

Operating System: Windows 10

Browser: Google Chrome.

**URL**: [**https://practicetestautomation.com/practice-test-login/**](https://practicetestautomation.com/practice-test-login/)