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| Test of Objective | Verify the login functionality |
| Name of user | Md. Abdur Rahmam Tamim |
| Test Date | 24/12/2024 |
| Version | 1.0 |

## Registration Flow

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| Test Case ID | Title | Description | Reproduce Steps | Expected Result | Actual Result | Status | Comments |
| REG\_01 | Valid Registration | Ensure registration works with valid data. | 1. Navigate to the registration page. 2. Enter valid details in all fields. 3. Click 'Register'. | User is registered successfully and redirected to the My Account page. |  |  |  |
| REG\_02 | Invalid Email Format | Check error message when an invalid email format is entered. | 1. Navigate to the registration page. 2. Enter an invalid email format. 3. Click 'Register'. | An error message is displayed: "Invalid email address." |  |  |  |
| REG\_03 | Missing Required Fields | Verify error message when mandatory fields are left blank. | 1. Navigate to the registration page. 2. Leave mandatory fields blank. 3. Click 'Register'. | An error message is displayed: "Please fill in this field." |  |  |  |
| REG\_04 | Weak Password | Test weak password validation. | 1. Navigate to the registration page. 2. Enter a weak password. 3. Click 'Register'. | An error message is displayed: "Password must be at least 6 characters." |  |  |  |
| REG\_05 | Email Already Registered | Check error for already registered email. | 1. Navigate to the registration page. 2. Use an already registered email. 3. Click 'Register'. | An error message is displayed: "Email is already registered." |  |  |  |

## Login Flow

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| Test Case ID | Title | Description | Reproduce Steps | Expected Result | Actual Result | Status | Comments |
| LOG\_01 | Valid Login | Verify login functionality with valid credentials. | 1. Navigate to the login page. 2. Enter valid email and password. 3. Click 'Sign In'. | User is logged in successfully and redirected to the My Account page. |  |  |  |
| LOG\_02 | Invalid Password | Validate error message for incorrect password. | 1. Navigate to the login page. 2. Enter valid email and invalid password. 3. Click 'Sign In'. | An error message is displayed: "Authentication failed." |  |  |  |
| LOG\_03 | Unregistered Email | Verify error for unregistered email. | 1. Navigate to the login page. 2. Enter unregistered email and password. 3. Click 'Sign In'. | An error message is displayed: "No account found with this email." |  |  |  |
| LOG\_04 | Blank Credentials | Ensure error message appears when credentials are blank. | 1. Navigate to the login page. 2. Leave email and password blank. 3. Click 'Sign In'. | An error message is displayed: "Please fill in this field." |  |  |  |
| LOG\_05 | SQL Injection Attempt | Check for SQL injection vulnerabilities in login fields. | 1. Navigate to the login page. 2. Enter SQL injection script in email or password. 3. Submit. | An error message is displayed: "Invalid email or password." or no unauthorized access occurs. |  |  |  |

Test Environment: Windows 10

Browser: Chrome

URL: <http://automationpractice.com/index.php?controller=authentication&back=my-account>