# THERESA ABUTU QA PORTFOLIO

**About Me** 💻

I’m **Theresa Abutu**, a dedicated and detail-oriented Quality Assurance professional with a strong passion for delivering high-quality software products. With practical experience in manual testing, test case design, and bug reporting, I thrive on identifying issues before they reach the end-user and ensuring that applications function seamlessly across different environments.

My journey in QA has been built through hands-on experience in capstone projects where I’ve tested web-based applications, crafted clear and reproducible bug reports, and collaborated with cross-functional teams to enhance product quality. I have a strong understanding of testing methodologies including regression, functional, and exploratory testing.

Whether it’s ensuring the integrity of a login feature or verifying the logic of a checkout flow, I approach each task with diligence and a user-first mindset.

In this portfolio, I would like to share my knowledge of QA and showcase my practical skills that I have gained through courses, self-study and my job. I am determined to continue to grow in this field. I have also started learning test automation in, so at the moment my main focus is on furthering my knowledge (and practice!) in this area.

Tools 🔧

* [Jira](https://www.atlassian.com/pl/software/jira), [Trello](https://trello.com/pl/tour) - project management
* [Confluence](https://www.atlassian.com/software/confluence) - storing information and documents about project
* [qTest](https://www.tricentis.com/products/unified-test-management-qtest/test-case-manager) - bug tracking
* [Slack](https://slack.com/) - communication within the team
* [Chrome Devtools](https://developer.chrome.com/docs/devtools/) - for better testing and improving bug reports
* [Google Drive](https://www.google.com/intl/pl_pl/drive/) - storing data
* [Git](https://git-scm.com/) - for better work in development team and controlling software versions
* [GitHub](https://github.com/) - supporting Git and preparing my repositories
* [Visual Studio Code](https://code.visualstudio.com/) - practicing HTML and CSS

**TEST CASES FOR A SIGN UP FORM (Inmotion-Hosting)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TEST CASE ID | TEST TITLE | TEST CASE | PRE-CONDITION | TEST STEPS | TEST CASE TYPE | TEST DATA | EXPECTED  RESULT (ER) | ACTUAL  RESULT(AR) | STATUS |
| TC\_001 | Email Validation | Enter valid Email address and valid Password | The user should have a registered email acount | 1. Open the login page | Positive test case | <Valid Email addresse> | The user is successfully logged in and redirected to the home page | As expected | PASS |
| 2. Enter a valid email |
| 3. Enter a valid password | <Valid Password> |
| 3. Click the sign-up button |
| TC\_002 | Email Validation | Enter invalid email format and valid Password | The user should have a registered email acount | 1. Open the login page | Negative test case | <Invalid Email address format> | Invalid formats (e.g., user@com, user@.com) should trigger an error message. | As expected | PASS |
| 2. Enter an invalid email format |
| 3. Enter a valid password | <Valid Password> |
| 4. Click the sign -up button |
| TC\_003 | Password Strength | Enter valid Email address and weak password | 1. The user should have a registered email acount 2. Passwords must contain at least 8 characters, one uppercase letter, one lowercase letter, one number, and one special character. | 1. Open the login page | Negative test case | <Valid email address> | Weak passwords should be rejected with an error message. | As expected | PASS |
| 2. Enter a valid email |
| 3. Enter passwords with weak strength level (e.g., weak: '123456') | <Weak Password> |
| 4. Click the "submit" button |

**FUNCTIONAL & NON-FUNCTIONAL TEST CASES FOR LOGIN PAGE (ORANGEHRM DEMO LOGIN PAGE)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Functional Tests Case | TEST CASE ID | TEST TITLE | TEST CASE | PRE-CONDITION | TEST STEPS | | TEST DATA | | EXPECTED  RESULT (ER) | ACTUAL  RESULT(AR) | STATUS |
| TC\_001 | Verify successful login with valid credentials | Enter valid User Name and valid Password | 1. The user must be registered with a valid email and password.  2. Needs a username after registration. | 1. Open the login page | | <Valid User Name> | | The user is successfully logged in and redirected to the home page | As expected | PASS |
| 2. Enter a valid username | |
| 3.Enter the correct password | | <Valid Password> | |
| 3. Click the “Login" button | |
| Non-Functional Tests Cases | TC\_002 | Verify that the login page loads within 5 seconds | Enter valid User Name and valid Password | 1. A stable internet connection is required. | | 1. Open a web browser  2. Navigate the login page  3. Input valid username and password  4. Click "Login" button and measure the time taken for the page to fully load | | <Valid User Name>  <Valid Password> | The Login response time < 5 seconds with no crashes or delays. | As expected | PASS |

**BUG REPORT DOCUMENT**

**BUG ID: TS-BUG-001**

**Title**: Submit Button Not Responding on Sign-Up Page

**Reported By**: Theresa Abutu  
**Date Reported**: April 10, 2025

**Environment**

* **Application**: TecheSphere Solutions – Sign-Up Page
* **URL**: https://example.com/signup
* **Browser**: Google Chrome v115.0.5790.98 (64-bit)
* **Operating System**: Windows 11 Pro
* **Device**: HP Pavilion 15.6", Intel Core i5
* **Network**: Stable Wi-Fi connection

**Severity: Critical**

**Priority: High**

**Impact**: Users are unable to create new accounts. This blocks user onboarding, disrupts core functionality, and prevents product adoption or launch.

**Steps to Reproduce**

1. Go to the TecheSphere Sign-Up page: https://example.com/signup
2. Fill in valid credentials:
   * **Full Name**: Tessa Adams
   * **Email**: tessadams@gmail.com
   * **Password**: Tessadams1234
   * **Confirm Password**: Tessadams1234
3. Check the "I agree to the terms and conditions" checkbox.
4. Click the **Submit** button.

**Expected Result**

* The user receives an on-screen confirmation or success message.
* The user is redirected to a welcome page or dashboard.
* Account is successfully created.

**Actual Result**

* Submit button shows a clickable state but does **not** respond.
* No visual or system feedback is displayed.

**Attachments**

* [Screenshot – Broken Submit Button](https://drive.google.com/file/d/1FRSd85GE-0GfIgG03UNjMHH6TkYblHqA/view?usp=sharing)
* Console error logs (embedded in dev tools)

**Status: In Progress**

**Additional Notes**

* Issue persists across multiple valid test entries and browser refreshes.
* Submit functionality works correctly on Android (Chrome Mobile).
* Root cause may involve **missing or incorrect event binding** in JavaScript signup.js file.

**Bug Report 2: Login Field Accepts Invalid Email Format**

| **Field** | **Description** |
| --- | --- |
| Bug ID | BUG\_001 |
| Title | Login page accepts invalid email format |
| Priority | High |
| Severity | Major |
| Environment | Chrome v117, Windows 10 |
| Steps to Reproduce | 1. Go to login page 2. Enter "userexample.com" (no '@') 3. Enter any password 4. Click "Login" |
| Expected Result | Error message: “Enter a valid email address.” |
| Actual Result | Login proceeds without validation |
| Status | Open |
| Screenshot | [[Screenshot – Broken Submit Button](https://drive.google.com/file/d/1FRSd85GE-0GfIgG03UNjMHH6TkYblHqA/view?usp=sharing)] |

**Bug Report 2: Cart Quantity Not Updating**

| **Field** | **Description** |
| --- | --- |
| Bug ID | BUG\_002 |
| Title | Quantity in cart does not update when "+" is clicked |
| Priority | Medium |
| Severity | Moderate |
| Environment | Firefox v114, Android 11 |
| Steps to Reproduce | 1. Add a product to cart 2. Click "+" to increase quantity |
| Expected Result | Quantity and total price should update immediately |
| Actual Result | Quantity remains at 1 |
| Status | In Progress |
| Screenshot | [[Screenshot – Broken Submit Button](https://drive.google.com/file/d/1FRSd85GE-0GfIgG03UNjMHH6TkYblHqA/view?usp=sharing)] |

**C. Test Summary Report**

**Project Name: Online Retail Application**

**Testing Period:** April 1 – April 7  
**Tested By:** Theresa Abutu  
**Objective:** Ensure the core functionality of user registration, login, product listing, and checkout are working as expected.

**Scope of Testing:**

* User registration & login
* Add to cart & checkout
* Payment gateway integration

**Testing Types Conducted:**

* Functional Testing
* Regression Testing
* UI Testing
* Smoke Testing

**Test Results:**

| **Metric** | **Value** |
| --- | --- |
| Total Test Cases | 45 |
| Passed | 41 |
| Failed | 4 |
| Blocked | 0 |

**Defects Summary:**

* 2 Critical
* 1 High
* 1 Medium

**Conclusion:** Application passed most core functionalities. Critical bugs were reported to dev. team. Recommended to fix issues before production deployment.

**✅ 4. Job Interview Preparation**

**Mock QA Interview**

**Interviewee: Theresa Abutu**

**Interviewer: Jeremiah Aderonke**

**Interviewer:** Good morning, Jeremiah. Let’s begin your QA interview. Can you please introduce yourself?

**Theresa Abutu:**   
Good morning. My name is Theresa Abutu. I’m a passionate Quality Assurance professional with hands-on experience in software testing, test case writing, bug reporting, and regression testing. I’ve worked on various capstone projects where I tested e-commerce applications and login systems, ensuring software quality and user satisfaction. I’m keen on continuous learning and improving QA processes to support reliable product delivery.

**1. What is Regression Testing?**

**Theresa:**   
Regression Testing is a type of software testing that ensures that recent changes to the code like bug fixes or new features haven’t introduced new issues or broken existing functionality. For example, after fixing a login bug, I would rerun earlier login test cases to verify that everything still works correctly. It helps maintain application stability across versions.

**2. How do you write a good bug report?**

**Theresa:**   
A good bug report should be clear, concise, and easy for developers to understand. I typically include:

* A descriptive title
* Steps to reproduce the issue
* Expected vs. actual results
* Screenshots or videos (if applicable)
* Severity and priority levels
* The environment where the bug occurred (browser, OS, version)

I also ensure my tone is professional and constructive to foster good communication between QA and development teams.

**3. How would you test a login page?**

**Theresa:**   
To test a login page, I’d cover both functional and negative test cases. Some examples include:

* Valid username and password → successful login
* Invalid credentials → error message
* Empty email or password field → validation error
* Email without “@” → input format validation
* SQL injection test → security validation
* Forgot password → verify password recovery flow
* UI elements → button enabled/disabled state, responsiveness
* Session management → check session expiry and logout  
  I’d use both manual testing and automation (e.g., Selenium) depending on the test scope.

**4. Can you describe a time you found a critical bug and how you handled it?**

**Theresa:**   
Yes. In a previous capstone project, I found a bug where the checkout page showed incorrect pricing after a discount was applied. I immediately documented it with screenshots and detailed steps, marked it as high severity, and escalated it to the lead developer. I also verified similar discount-related calculations to ensure no other components were affected. The fix was applied quickly, and I reran regression tests to ensure the issue was fully resolved.

**Interviewer:** That concludes the technical section. Thank you, Theresa. Any final words?

**Theresa:**  
Thank you for the opportunity. I’m excited to bring my attention to detail, team spirit, and passion for quality to your organization. I look forward to contributing to a culture of excellence and continuous improvement.

**📋 Mock Interview Feedback Report for Theresa Abutu**

| **Area** | **Comments** |
| --- | --- |
| **Introduction** | Strong and clear. Brief background was relevant and well-articulated. |
| **Answer Accuracy** | Accurate definitions for QA concepts like regression testing and bug reports. |
| **Communication** | Spoke clearly and confidently. Good use of professional language. |
| **Depth of Answers** | Practical examples provided, which show real experience. |
| **Technical Understanding** | Solid grasp of test planning, security, and functional testing approaches. |
| **Improvement Areas** | Could elaborate more on tools (e.g., mention JIRA, Selenium, Postman, etc.). A brief mention of metrics or test coverage would also show maturity. |
| **Overall Score** | (4.5/5) |

**✅ Final Thoughts (For Theresa’s Reflection)**

* **What went well:** There was confident delivery, good technical understanding, and relevant real-life examples.
* **What to improve:** Practice integrating tool mentions naturally. Prepare a few metrics or charts you’ve used before (e.g., pass/fail ratio, defect density).
* **Next steps:** Practice follow-up questions, such as “How do you prioritize test cases?” or “Describe a time you worked under pressure.”