Test Plan – Bugs Form Testing

1. Project Information

Project Name: QA Practice – Bugs Form Testing
Application Under Test (AUT): https://qa-practice.netlify.app/bugs-form
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Project: QA Assignment at NTech Academy
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2. Scope of Testing

The testing will focus on:
- Form validation (mandatory fields, proper error handling)
- Input handling (valid and invalid data)
- UI elements (labels, dropdowns, alignment)
- Error messages (correct display)
- Functional behavior (form submission)

Out of scope: API/backend checks, database testing, performance testing

3. Testing Objectives

- Ensure all required fields enforce validation rules
- Verify error messages are displayed correctly
- Check form submission works only with valid data
- Identify functional/UI bugs

4. Test Environment

Operating System: Windows 10/11, macOS
Browsers: Chrome (latest), Firefox, Edge
Test Data: Valid and invalid inputs
Tools: Excel (test cases, defect report), JIRA (bugs), XMind (mind map)

5. Test Deliverables

- Test Plan (this document)
- Test Cases (Excel)
- Mind Map (XMind export)
- Defect Report (Excel + JIRA screenshots)
- Final Submission Folder

6. Entry & Exit Criteria

Entry Criteria:
- Application is accessible at URL
- Test data is ready
- Browser & environment setup

Exit Criteria:
- All planned test cases executed
- All high-severity defects reported
- Test summary prepared

7. Roles & Responsibilities

Tester: OZIH UDDIN AL FUZAYEL – Prepare plan, design cases, execute, log defects, reports
Developer: Application Owner – Fix defects
Reviewer: Mentor/Instructor – Evaluate deliverables

8. Risks & Assumptions

- Risk: Application may change during testing
- Risk: Some defects may differ across browsers
- Assumption: AUT is stable enough for testing