# Part 1: Manual Testing

## Login Functionality Test Cases

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| Test Case ID | Test Scenario | Test Steps | Expected Result | Actual Result | Status |
| TC-01 | Verify login with valid credentials | 1. Navigate to login page. 2. Enter valid username and password. 3. Click on 'Login'. | User is successfully logged in and redirected to the dashboard. | As Expected | Pass |
| TC-02 | Test login with invalid username | 1. Navigate to login page. 2. Enter invalid username and valid password. 3. Click on 'Login'. | Error message 'Invalid username or password' is displayed. | As Expected | Pass |
| TC-03 | Test login with invalid password | 1. Navigate to login page. 2. Enter valid username and invalid password. 3. Click on 'Login'. | Error message 'Invalid username or password' is displayed. | As Expected | Pass |
| TC-04 | Test session timeout after inactivity | 1. Log in with valid credentials. 2. Stay inactive for 15 minutes. 3. Attempt any action. | User is logged out and redirected to the login page. | As Expected | Pass |

## Student Record Creation Test Cases

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| Test Case ID | Test Scenario | Test Steps | Expected Result | Actual Result | Status |
| TC-05 | Verify mandatory fields validation | 1. Navigate to 'Add Student' page. 2. Leave all mandatory fields empty. 3. Click 'Save'. | Error messages indicating all mandatory fields must be filled. | As Expected | Pass |
| TC-06 | Test phone number field with incorrect data | 1. Navigate to 'Add Student' page. 2. Enter letters in the phone number field. 3. Click 'Save'. | Error message 'Invalid phone number format' is displayed. | As Expected | Pass |
| TC-07 | Verify successful student record creation | 1. Navigate to 'Add Student' page. 2. Fill all fields with valid data. 3. Click 'Save'. | Student record is created, and a success message is displayed. | As Expected | Pass |

# Part 2: Bug Reporting

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| Bug ID | Title | Severity | Priority | Steps to Reproduce | Expected Behavior | Actual Behavior |
| BUG-001 | Error message not displayed for invalid login | High | High | 1. Navigate to the login page. 2. Enter an invalid username and password. 3. Click 'Login'. | Error message 'Invalid username or password' is displayed. | No error message is displayed; the page remains static. |
| BUG-002 | Phone number field accepts letters | Medium | High | 1. Navigate to the 'Add Student' page. 2. Enter letters in the phone number field. 3. Click 'Save'. | Error message 'Invalid phone number format' is displayed. | The system accepts the input and saves the record without validation. |

## Screenshots for Bug Submission

### Bug 1: Error Message for Invalid Login

Bug Tracking Tool: JIRA (or spreadsheet substitute)

Screenshot includes:

* 1. Bug ID: BUG-001
* 2. Title: Error message not displayed for invalid login
* 3. Severity: High
* 4. Steps to reproduce
* 5. Expected vs. actual behavior comparison

[Insert Screenshot for Bug 1 here]

### Bug 2: Validation for Phone Number Field

Bug Tracking Tool: JIRA (or spreadsheet substitute)

Screenshot includes:

* 1. Bug ID: BUG-002
* 2. Title: Phone number field accepts letters
* 3. Severity: Medium
* 4. Steps to reproduce
* 5. Expected vs. actual behavior comparison

[Insert Screenshot for Bug 2 here]