

# Question Automation - QA

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## Manual Testing

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- You are assigned to test a new login feature for a web application. How would you approach creating test cases for this feature? What aspects would you consider?
- A new e-commerce website has a shopping cart feature. Describe the steps you would take to manually test this feature from adding items to the cart to completing a purchase.
- You've been given a mobile app with a search functionality. How would you ensure that the search feature works correctly across different inputs, including invalid and edge cases?
- A company is launching a new feature that allows users to reset their password. How would you plan and execute the testing of this feature?
- Imagine you are testing a banking application that includes a money transfer feature. What scenarios would you consider when creating test cases, and how would you prioritize them?

## Manga App Automation Testing

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### Overview

Visit this site: <https://myalice-automation-test.netlify.app> . The application includes a login page and a manga search page with a modal that displays detailed information about each manga. This document outlines the automation testing requirements for the application using Selenium.

### Project Structure

- `src/` : Contains the source code for the React application.
  - `components/` : React components, including `LoginPage.tsx` and `MangaPage.tsx` .
  - `App.tsx` : The main application component conditionally renders `LoginPage` or `MangaPage` .

## Automation Testing Requirements

### Objective

Create automated tests for the following scenarios using Selenium:

1. **Login Functionality**
2. **Manga Search and Display**
3. **Manga Details Modal**

### Test Scenarios

#### 1. Login Functionality

- **Scenario:** Verify that the login functionality works correctly.
- **Steps:**
  1. Open the application.
  2. Verify that the login page is displayed.
  3. Enter valid login credentials (e.g., testuser and password).
  4. Click the "Login" button.
  5. Verify that the user is redirected to the manga search page.

#### 2. Manga Search and Display

- **Scenario:** Verify that searching for manga returns the correct results.
- **Steps:**
  1. Ensure the user is on the manga search page.
  2. Enter the search term "Naruto" into the search box.
  3. Click the "Search" button.

4. Verify that manga cards with the name "Naruto" are displayed.
5. Enter the search term "One Piece" into the search box.
6. Click the "Search" button.
7. Verify that manga cards with the name "One Piece" are displayed.
8. Enter the search term "Seven Deadly Sins" into the search box.
9. Click the "Search" button.
10. Verify that manga cards with the name "Seven Deadly Sins" are displayed.
11. Enter a search term that returns no results (e.g., "No manga found").
12. Click the "Search" button.
13. Verify that a "No manga found" message is displayed.

### 3. Manga Details Modal

- **Scenario:** Verify that the modal displays the correct manga details.
- **Steps:**
  1. Ensure the user is on the manga search page.
  2. Click the "Details" link on a manga card.
  3. Verify that the modal appears and displays the correct manga information (image, name, summary).
  4. Click the "Close" button on the modal.
  5. Verify that the modal is closed and no longer visible.