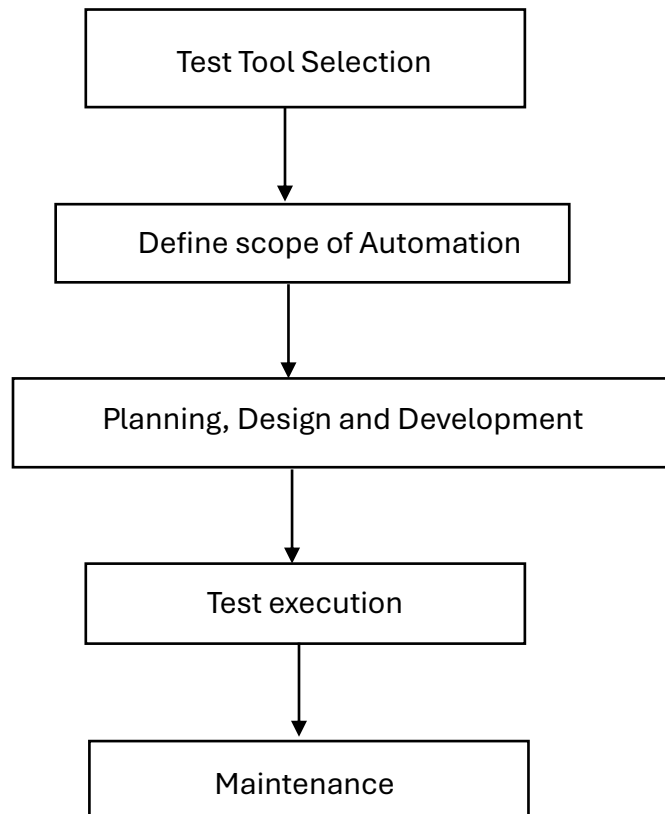


# **Intern Quality Assurance Engineer**

## **Technical Assessment**

**Test Automation Basics**

**Manuri Karunaratna**



### **1. Test Tool Selection**

Choose the appropriate tool for automating tests.

### **2. Define scope of Automation**

Determine what to automate.

Prioritization

- Critical business functions (e.g., user login, registration).
- High-traffic areas (e.g., product search, checkout).

### **3. Planning, Design and Development**

Plan and design the automation framework.

- Framework Design – Implement POM to separate the test logic from the page objects.
- Folder Structure - Organize the framework into separate modules (tests, pages, utilities, drivers).
- Test Data - Implement data driven testing using external files
- Test Cases - Write automated test cases for login, product search, add to cart, checkout, and order history.

#### **4. Test execution**

Execute the tests

#### **5. Maintenance**

Keep the automation suite up to date.