

# Web Application BDD Testing

## Project Overview:

Build a testing suite for two web applications using Cucumber for Behavior-Driven Development (BDD) and Cypress or any other testing method for UI testing. The goal is to ensure that the applications are functioning correctly and meeting the specified requirements and to write useful user stories so if the client sees the user stories, He can determine the flow.

## Websites to Test:

1. [Thinking Tester Contact List](#)
2. [Sauce Demo Inventory](#)

## Technologies:

### 1. Cucumber:

- Write Gherkin scenarios for each user story.
- Implement step definitions in JavaScript using the Cucumber framework.

### 2. Cypress:

- Use Cypress for UI testing.
- Create test scripts for each user story to interact with the UI elements.

### 3. Version Control:

- Use Git for version control. Each team member can work on a different user story branch.

### 4. Collaboration:

- Utilize collaboration tools like GitHub for code sharing and coordination.

## Project Management:

### 1. Agile Methodology:

- Adopt an agile approach with regular sprints, planning, reviews, and retrospectives.
- Make user story for every step for the website

### 2. Documentation:

- Maintain documentation for user stories, scenarios, and test results.

## Deliverables:

### 1. Cucumber Scenarios:

- Gherkin scenarios for each user story.

### 2. Cypress Tests:

- Cypress test scripts for each user story.

### 3. Documentation:

- User story documentation.
- Test results and any identified issues.

**Learning Objectives:**

1. Apply BDD principles using Cucumber.
2. Gain hands-on experience with UI testing using Cypress.
3. Understand collaborative software testing in a team environment.
4. Learn to integrate different testing methods for comprehensive coverage.

This project provides an opportunity for each team member to work on specific user stories, fostering collaboration and exposure to different aspects of testing. Adjustments can be made based on the team's skill level and preferences.