

Group Project -UI Cucumber Automation Testing

Topics:

1. Project **assignment** description
2. Cucumber framework requirement
3. Assignment compilation checklist



Assignment Description

Description:

1. Each group: Conduct **Scrum meetings**
2. Each group: Create a **cucumber** framework
3. Each group : Create 1 repository & collaborate with Git & Github
4. Each **person**: Select at least 1 user story
 - a. Perform UI manual testing
 - i. Create **Test cases & Test Execution** on Jira (**Bug** if find any)
 - b. Perform UI Automation testing
 - i. Create feature branch then create **PR** (Pull Request)

Note: the User Stories are also in the Jira project



Conduct Scrum meetings

The team members conduct Scrum meetings:

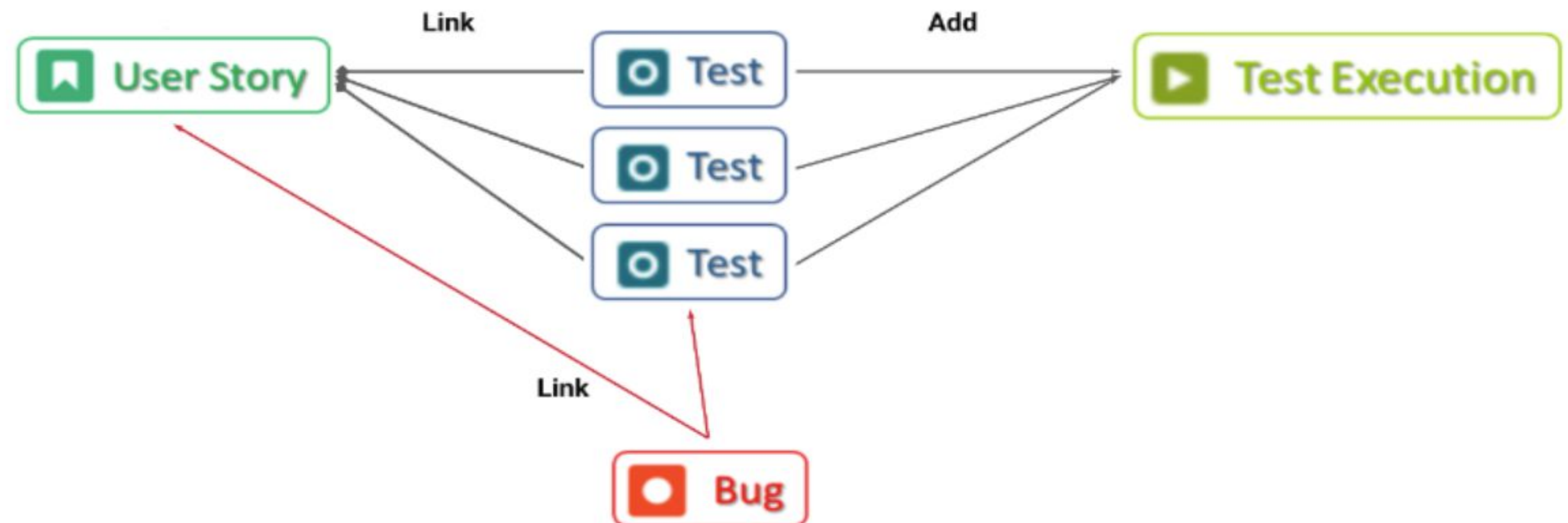
- **Grooming** meeting
 - The PO (Cydeo mentor) explains the User Story & AC
 - Dev team estimate points
- **Sprint Planning** meeting
 - Takes US from PB to the SB
 - The SM starts the Sprint Make sure each person is assigned a user story
- **Daily stand-up** meeting - 15 minutes
- **Demo** meeting - last day
- **Retro** meeting - last day



UI - Manual Testing Requirements

Each person:

- **Create** Test (test case) on Jira-Xray
- **Create** Test Execution on Jira-Xray & provide evidences.
- **Create** Bug ticket if there is any
- Link the tickets/issues properly to the User Story



UI-Automation & Cucumber Framework requirement

Cucumber framework:

1. Create a maven project

Group-id: **com.projectName**

Artifact-id: **projectNameUIAutomation**

2. Add all the needed dependencies to the pom.xml file

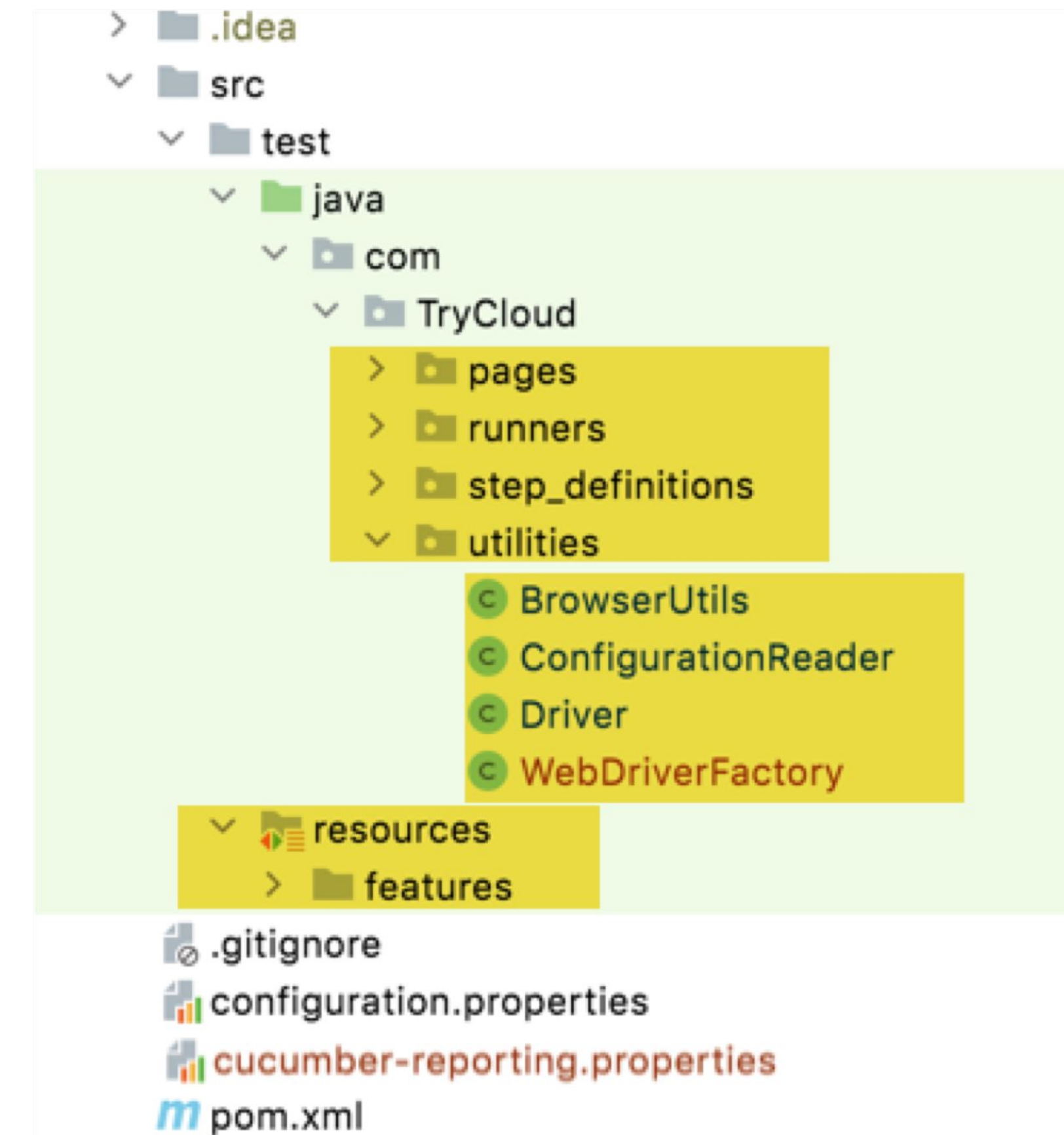
3. Under **src/test/java** create following packages:

- a. **com.projectName.pages**
- b. **com.projectName.runner**
- c. **com.projectName.step_definitions**
- d. **com.projectName.utilities**

4. Under the project folder add file **configuration.properties** add file **.gitignore**

5. Under **utilities** package create:

- a. **ConfigurationReader**
- b. **BrowserUtils**
- C. **WebDriverFactory**



Sample framework img

**Note: Add any other package or file that you need to automate the project.



Assignment compilation checklist

Checklist for the team:

- Conduct all the **Scrum** meetings
- Create a cucumber framework

Checklist for each person:

- Select a user story to test
- Create test case/s on Jira
- Create test execution on jira
- Properly link the Jira issues
- Perform manual UI testing & provide the evidences
- Perform automation testing
- Create PR & get approved

