Name : Mahima Bisht
Email Id mahima.bisht@capgemini.com
EmbId : 46010069

3 Sept 2020

Δ Benefits of BDD

1) CLARITY — by defining scenarios customer may clear what he is expecting.
   - clear language
   - understandable by all technical or non-technical people.

2) Helps to automate — Scenario are provided, only need to write methods to perform each step

3) High visibility —
4) Meet user needs.
5) focuses what is needed & what is not needed.
6) reduces time & cost
7) Helps in maintenence

Δ CHALLENGES

→ Requires lots of interaction and collaboration
→ May require Language skill.
→ Not for isolated teams.

Δ ESTIMATE USING STORY POINTS

→ Story point : unit of measure that expresses the overall effort to fully implement the product backlog

→ that includes :
   - amount of work to do
   - complexity
   - risk/uncertainty

Name: Mahima Bisht
Email: mahima.bisht@
capgemini.com
EmpId: 46010069

3 Sept 2020

→ product owner prioritize the product backlog items.

Δ Developers everyday Sprint answers
- What he/she did to meet the sprint goal?
- What will developer work today?
- Is there any obstacle?

Δ Aglile terms

1) Epic — large user story, that could be broken down.

Epic in Agile = Features in BDD.
(User Story)   (Scenario)

2) Sprint — time boxed iterations between 2-4 weeks

3) Scrum (Daily Scrum) — Short standup meetings around 15 minutes duration. ⊗

4) Product owner — Role in Agile.
Defines product in terms of product users.

Name: Mahima ......
EmailId: mahimabisht@
companint.com
EmpNo: 46010069

3/Sept/2020

JAVA : BDD FUNDAMENTALS

→ we need two dependencies
- → cucumber-java
- → cucumber-junit

to run cucumber test

→ we need plugins like,
- → cucumber-java
- → Gherkin

to run as cucumber-test.

For this goto → files → Settings → Plugins

→ Test Runner Class.

→ @RunWith (cucumber.class)
- — this will run all feature files inside the package with junit as cucumber test.

→ we can specify feature path using @CucumberOptions annotation.
as
@CucumberOptions (plugin = ("pretty").
                   features = "path");

→ we can press Alt + enter and we will get more steps to add to the step defs.

→ cucumber also shows code coverage, method coverage.