Using Cucumber for collaboration

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Scenario: View the conference programme

Given I am on the ELAG 2018 website
When I click the programme button
Then I see the conference programme
Scenario: Vis konferanseprogrammet til ELAG

Gitt at jeg er på websida til ELAG 2018
Når jeg klikker “programme”-knappen
Så ser jeg konferanseprogrammet
Given(/^I am on the ELAG 2018 website $/) do
  driver.navigate.to "http://elag2018.org/"
end

When(/^I click the programme button$/) do
  driver.findElement(:id, "menu-item-2918").click
end

Then(/^I see the conference programme$/) do
  programme = driver.findElement(:class, "schedule")
  # silly check, might work
  expect(programme).not_to be_empty
end
Not...a testing tool

c.f. https://cucumber.io/blog/2014/03/03/the-worlds-most-misunderstood-collaboration-tool
Code smell

And I verify that the data are correct
And I wait
And I wait
And I wait
Customer focus: Cucumber helps business [wider organisations] and IT collaborate to build a shared understanding of the business goals

From: https://docs.cucumber.io/
Cucumber: a collaboration tool

c.f. https://cucumber.io/blog/2014/03/03/the-worlds-most-misunderstood-collaboration-tool
Process

• Specification workshops (three amigos) with:
  • People who define requirements
  • Programmers
  • Testers

• **Together:** write examples that define specification

• Programme tests, program software, run tests, repeat…

• **Together:** Ensure that scenarios are relevant over time, update…
Example

- Small team:
  - Product owner
  - Technical/Functional team lead
- Together, write (gherkin) specs for a minimal viable product
- Implement tests, code
- Check specs against currently understood criteria…
Benefits

• Single source of truth: specifications, tests and documentation are in the same document

• Living documentation: because they're automatically tested by Cucumber, your specifications are always bang up-to-date

• Customer focus: Cucumber helps business [wider organisations] and IT collaborate to build a shared understanding of the business goals

From: https://docs.cucumber.io/
• Cucumber documentation

• Gherkin documentation