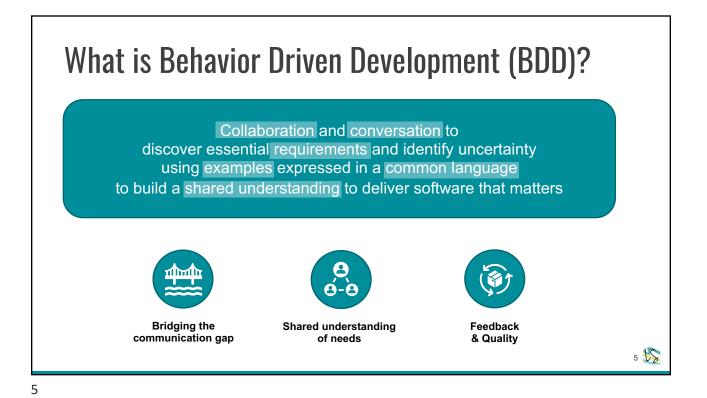
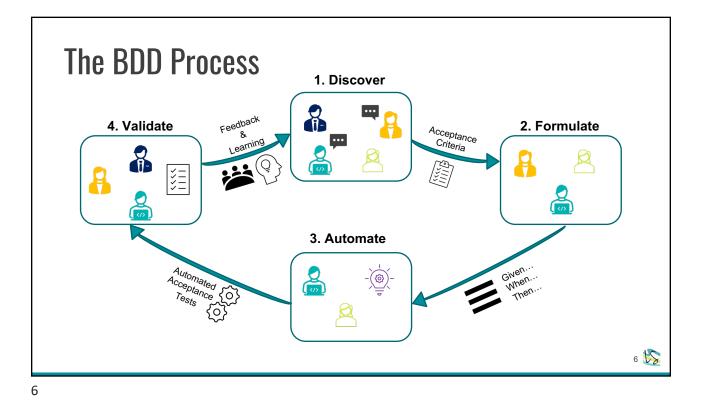


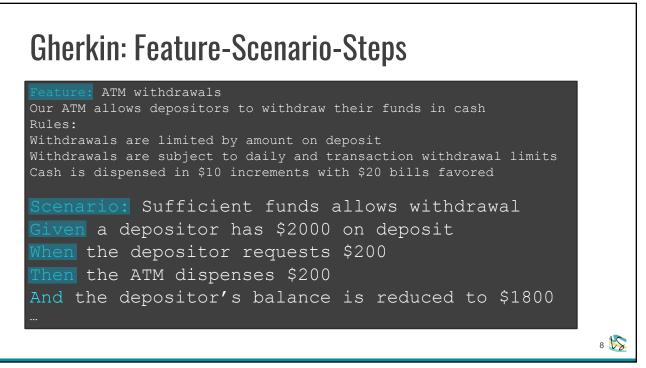


# Behavior Driven Development (BDD) and Gherkin Basics













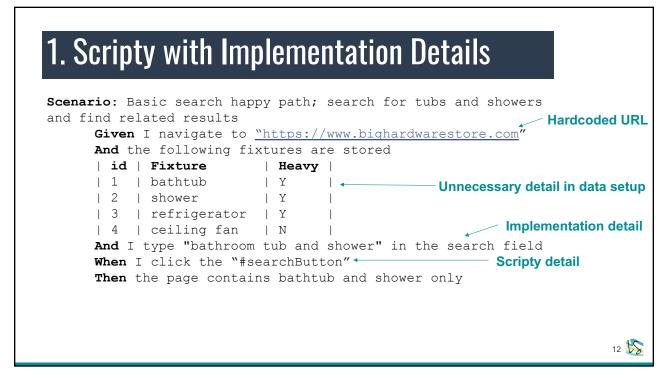


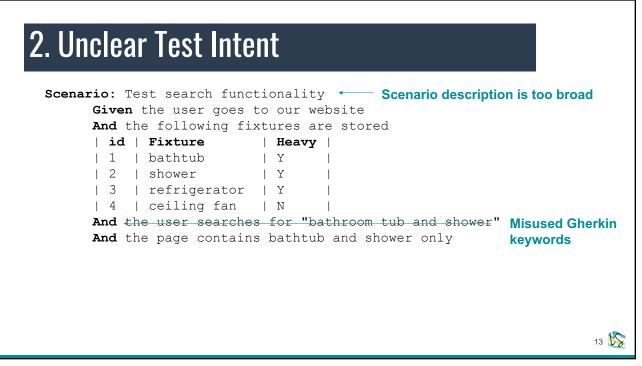
- 1. Scripty with Implementation Details
- 2. Unclear test intent
- 3. Lack of reusability
- 4. Too long, testing multiple scenarios at once
- 5. File organization

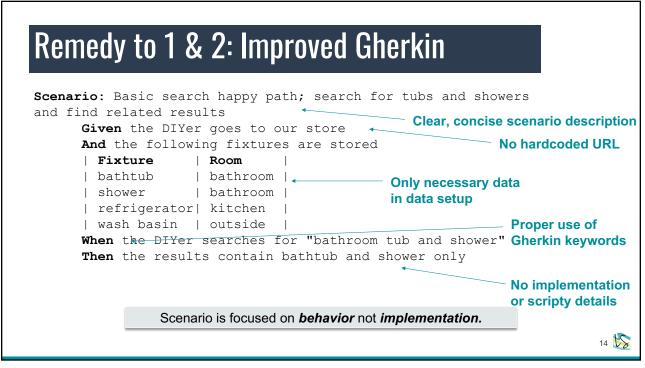


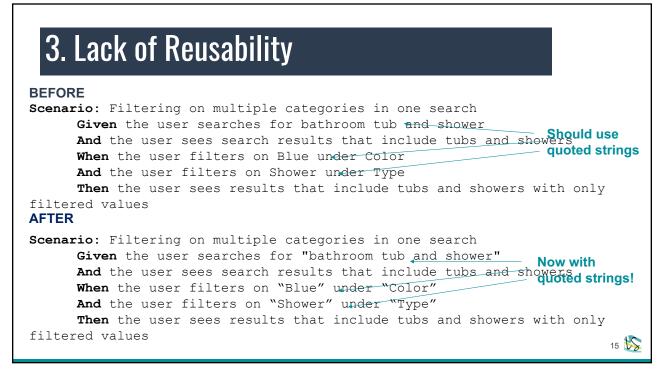
What do you do with too many Cucumbers?

11 🏷

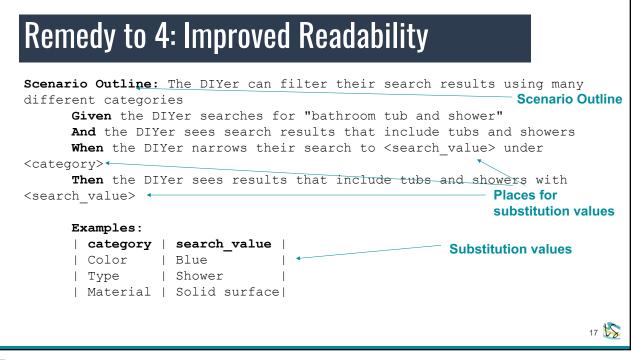


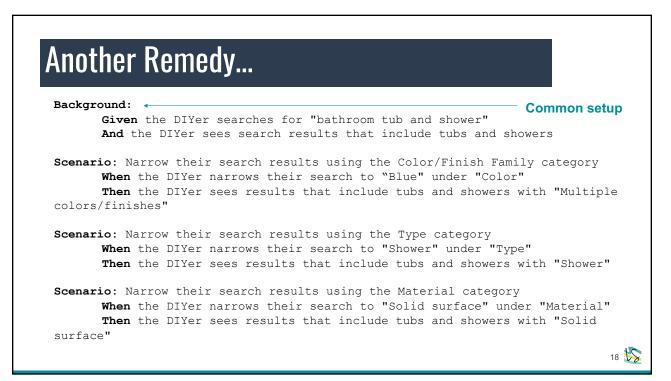






And the user sees results that Include tubs and showers And the user sees advanced search filters on the left of the page When the user filters on "Blue" under "Color" Multiple sce Then the user sees results that include tubs and showers with "Multiple colors/finishes" Then the user deselects "Multiple colors/finishes" under "Color/Finish Family" When the user filters on "Shower" under "Type" Then the user sees results that include tubs and showers with "Shower" Then the user deselects "Shower" under "Type" Multiple tubs and showers with "Shower" When the user filters on "Solid surface" under "Material" Multiple sce Surface"	
When the user sees results that include tubs and showers       scena         And the user sees advanced search filters on the left of the page       When the user filters on "Blue" under "Color"       Multiple scena         When the user sees results that include tubs and showers with "Multiple       Scena       Scena         Colors/finishes"       Then the user deselects "Multiple colors/finishes" under "Color/Finish       Multiple         Family"       When the user filters on "Shower" under "Type"       Multiple         Then the user sees results that include tubs and showers with "Shower" and showers with "Shower" under "Type"       Multiple         Then the user deselects "Shower" under "Type"       Multiple         When the user filters on "Solid surface" under "Material"       Multiple         Scena       Scena       Multiple         When the user filters on "Solid surface" under "Material"       Multiple         Scena       Scena       Multiple         Scena       Scena       Multiple         Then the user filters on "Solid surface" under "Type"       Multiple         When the user sees results that include tubs and showers with "Solid       Scena         Scena       Scena       Multiple         When the user sees results that include tubs and showers with "Solid       Scena         Scena       Scena       Scena	ultinla
And the user sees results that Include tubs and showers And the user sees advanced search filters on the left of the page When the user filters on "Blue" under "Color" Multiple sce Then the user sees results that include tubs and showers with "Multiple colors/finishes" Then the user deselects "Multiple colors/finishes" under "Color/Finish Family" When the user filters on "Shower" under "Type" Then the user sees results that include tubs and showers with "Shower" Then the user deselects "Shower" under "Type" Multiple tubs and showers with "Shower" When the user filters on "Solid surface" under "Material" Multiple sce Surface"	uitipie enario
Then the user sees results that include tubs and showers with "Multiple colors/finishes" Then the user deselects "Multiple colors/finishes" under "Color/Finish Family" When the user filters on "Shower" under "Type" Then the user sees results that include tubs and showers with "Shower" Then the user deselects "Shower" under "Type" When the user filters on "Solid surface" under "Material" Then the user sees results that include tubs and showers with "Solid Scenario Scenario Scena	
colors/finishes" Then the user deselects "Multiple colors/finishes" under "Color/Finish Family" When the user filters on "Shower" under "Type" Then the user sees results that include tubs and showers with "Shower" Then the user deselects "Shower" under "Type" When the user filters on "Solid surface" under "Material" Then the user sees results that include tubs and showers with "Solid Store the user sees results that include tubs and showers with "Solid Store the user sees results that include tubs and showers with "Solid Store the user the user sees results that include tubs and showers with "Solid Store the user the user the user sees results that include tubs and showers with "Solid Store the user th	
Then the user deselects "Multiple colors/finishes" under "Color/Finish Family" When the user filters on "Shower" under "Type" Multip Then the user sees results that include tubs and showers with "Shower" Then the user deselects "Shower" under "Type" When the user filters on "Solid surface" under "Material" Multip Then the user sees results that include tubs and showers with "Solid Start Start Shower" under "Material"	ple
When the user filters on "Shower" under "Type"       Multip         Then the user sees results that include tubs and showers with "Shower"       Then the user with "Shower"         Then the user deselects "Shower" under "Type"       Multip         When the user filters on "Solid surface" under "Material"       Multip         Then the user sees results that include tubs and showers with "Solid       Surface"	sh
Then the user sees results that include tubs and showers with "Shower" and the user deselects "Shower" under "Type" When the user filters on "Solid surface" under "Material" Then the user sees results that include tubs and showers with "SolidScer surface"	ultiple
Then the user deselects "Shower" under "Type" When the user filters on "Solid surface" under "Material" Mult Then the user sees results that include tubs and showers with "Solid Surface"	
When the user filters on "Solid surface" under "Material" Mult Then the user sees results that include tubs and showers with "Solid surface"	enano
Then the user sees results that include tubs and showers with "SolidScersurface"	<b>Nultiple</b>
surface"	cenari
Misuse of keywards	
Misuse of keywords	
······································	16





19 🏷

## 5. File Organization

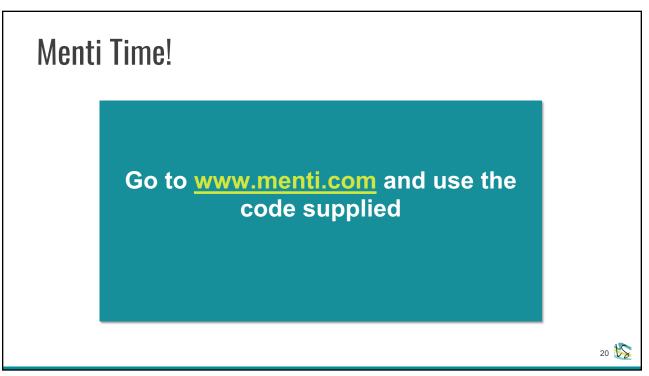
#### Anti-pattern:

- No organization, everything goes in one folder
- Organizing by sprints or some other timebased mechanism

#### Instead:

- Organize your feature files in a folder structure by business functionality
  - Doing so will make it easier to find scenarios that have already been written, eliminating unnecessary duplication

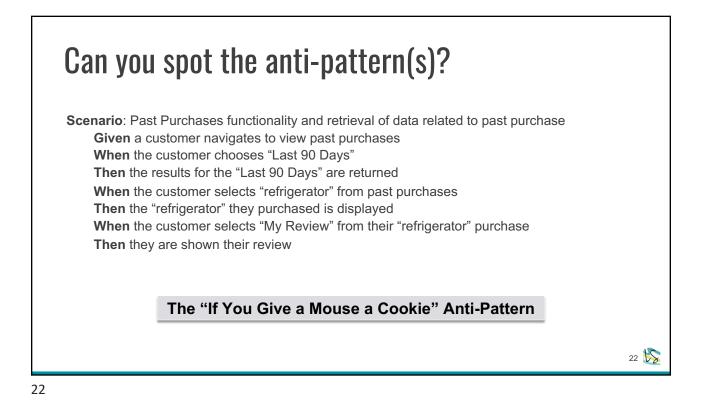


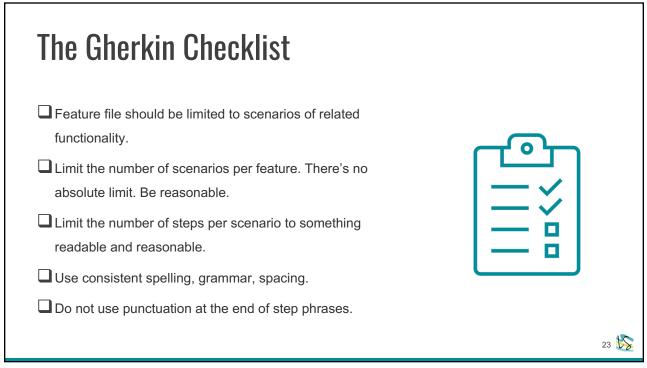


21 🏷

## Can you spot the anti-pattern(s)?

Scenario: Test Past Purchases functionality
Given I navigate to the customer portal to view my profile
And the user clicks the "View Past Purchases" link
When I click the "Time Period" dropdown
And the user selects "Last 90 Days"
And the user clicks "Find" button
Then the page displays all purchases for the last 90 days







# Collaboration

- Ensure collaboration happens across perspectives throughout the process
- Ways collaboration can benefit:
  - Bridge the communication gap; scenarios remain focused on expected behavior
  - Establish a shared understanding of needs
  - Improved feedback and quality
  - · Better maintainability, readability, durability







### CONTACT

lithespeed.com/stareast-2022/

Raj Indugula <u>Raj.Indugula@LitheSpeed.com</u>

George Lively George.Lively@LitheSpeed.com

lithespeed.com

+1 (703) 745-9125 @LitheSpeed

LitheSpeed LitheSpeed.com