

Testing



A U T O M A T E D
M O B I L E
T E S T I N G
== ~ ==



PROBLEM

**YOUR IDEA
YOUR CODE**

== ~ ==

NO PROBLEM

OTHER'S IDEA
YOUR CODE

~
PROBLEM



(MIS)COMMUNICATION



The background is a solid dark blue color. Overlaid on this background is a faint, light blue network pattern. This pattern consists of numerous small circles of varying sizes, some of which are connected by thin, light blue lines, creating a web-like or molecular structure across the entire image.

AGILE

YOUR CODE

===== *keep it* =====

C L E A N



ACCEPTANCE TESTING

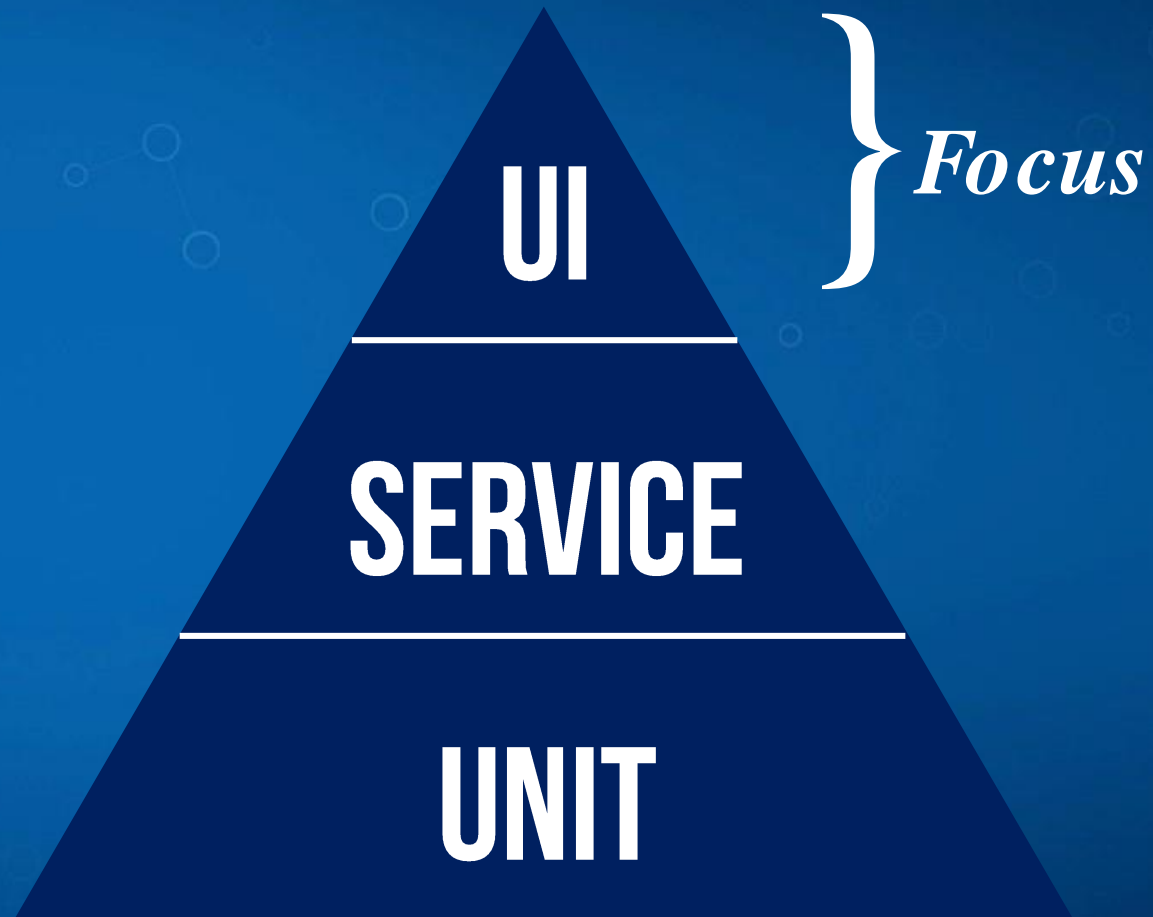
TDD { **ACCEPTANCE
TEST DRIVEN
DEVELOPMENT** } *ATDD*

**BUILD THE
THING
RIGHT**

TDD

ATDD

**BUILD THE
RIGHT
THING**



- MIKE COHN



GHERKIN



CUCUMBER



CALABASH




GHERKIN

DSL

GIVEN

WHEN

THEN

The background is a solid dark blue color. Overlaid on this background is a faint, light blue network diagram. This diagram consists of numerous small circles of varying sizes, some of which are connected by thin, light blue lines, creating a web-like or molecular structure across the entire frame.

FEATURES

and

SCENARIOS

G H E R K I N

- 1: **Feature:** Some terse yet descriptive text of what is desired
- 2: Textual description of the business value of this feature
- 3:
- 4: **Scenario:** Some determinable business situation
- 5: **Given** some precondition
- 6: **When** some action by the actor
- 7: **Then** some testable outcome is achieved
- 8:
- 9: **Scenario:** A different situation
- 10: ...

G H E R K I N

- 1: **Scenario:** Some determinable business situation
- 2: **Given** some precondition
- 3: **And** some other precondition
- 4: **When** some action by the actor
- 5: **And** some other action
- 6: **But** yet another action
- 7: **Then** some testable outcome is achieved
- 8: **And** something else we can check happens too



GHERKIN



CUCUMBER



CALABASH



CUCUMBER



GHERKIN



CUCUMBER



CALABASH



CALABASH

HOW DOES IT WORK



IT DOESN'T

CALABASH ON



CLIENT

**CALABASH
ANDROID**

SERVER

**TEST
SERVER**

**YOUR
APP**

JSON OVER HTTP



CALABASH ON



CLIENT

**CALABASH
IOS**

SERVER

**TEST
SERVER**

**YOUR
APP**

JSON OVER HTTP





DEMO TIME

LET US TASTE THAT FRUIT

Best of all

IT'S FREE
OPEN



**XAMARIN
TEST CLOUD**



Overview

ALL RESULTS



All Sessions feature

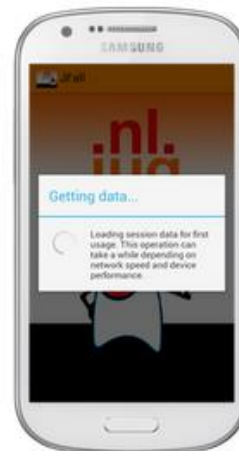
As a user I can view all sessions of J-Fall 2013 2 ⚡

Given my app is running

- Then I wait for progress 2 ⚡
- Then I wait upto 60 seconds for the "DashboardActivity" screen to appear
- Then I should see "All Sessions"
- Then I should see "My Sessions"
- Then I press view with id "allSessionsButton"
- Then I wait upto 120 seconds for the "AllSessionsListActivity" screen to appear
- Then I wait for progress
- Then I should see "Recipe - ontwerp patroon voor parallelisatie van aanroepen van Web Services"



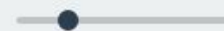
Samsung Galaxy S4
Android 4.2.2



Samsung Galaxy Express
Android 4.1.2



Samsung Galaxy Note II
Android 4.1.1



Filter devices



Mobile Test Lab

www.lesspainful.com



Xamarin.UITEST



HANDS ON