

What is 3 Amigos?

It is a complimentary practice that supports frameworks and methods to understand when an item of work is ready for work to begin or has been completed.

It does not refer to the amount of people involved in the discussion but the three perspectives to be considered when deciding if a work item can be or has been delivered.



3 Amigos equals 3 perspectives

- ✓ Given current software development practices can we build a solution?
- ✓ Can we write tests that ensures the code is robust?
- **Programming Test** Business
- ✓ Can we test that it works as a feature?
- ✓ Can we test it integrates with the current solution?
- ✓ Can we test that it won't have broken the previous build?

- ✓ Can the business define fit for purpose?
- ✓ Can we test what acceptable means?

Starting with a User Story

As a Customer of
Company X
I want to access the
digital services
So that I can make
purchases online

Acceptance Test Driven Development (A-TDD)	Behaviour Driven Development (BDD)	Test Driven Development (TDD)

How the User Story Drives the Acceptance Test

Acceptance Test Driven **Behaviour Driven** Test Driven Development Development (A-TDD) Development (BDD) (TDD) Given I am on the Company X Landing page for Online Services AND I have not yet signed in When I click on the Sign In link Then the form to sign in to the online services should be displayed As a Customer of Company X I want to access the Given I am signing in to the Online Services and provide correct details digital services When I click on the Sign In Button Then my Account Dashboard should So that I can make be displayed purchases online Given I am signing in to the Online Services and provide incorrect details When I click on the Sign In Button Then an error message should be displayed

The Acceptance Tests lead to the System Behaviours

Acceptance Test Driven **Behaviour Driven** Test Driven Development Development (A-TDD) Development (BDD) (TDD) Given I am on the Company X Given an authenticated user is signed Landing page for Online Services AND in with a valid bearer token When the I have not yet signed in Dashboard is displayed When I click on the Sign In link Then Then it should include all the services the form to sign in to the online included in the bearer tokens services should be displayed authorised list As a Customer of Company X Given an authenticated user is I want to access the Given I am signing in to the Online signed in with a valid bearer token Services and provide correct details When the Dashboard is displayed digital services When I click on the Sign In Button Then it should include relevant data Then my Account Dashboard should So that I can make from the associated account to the be displayed authenticated user purchases online Given an authenticated user is Given I am signing in to the Online signed in with a valid bearer token Services and provide incorrect details When they change account details When I click on the Sign In Button within their account Then an error message should be Then the action and response should displayed be logged

System Behaviours have related Functionality

Acceptance Test Driven

Development (A-TDD)

Given I am on the Company X assertBearerTokenExists(){ Given an authenticated user is signed Landing page for Online Services AND in with a valid bearer token When the I have not yet signed in Dashboard is displayed When I click on the Sign In link Then Then it should include all the services the form to sign in to the online included in the bearer tokens services should be displayed authorised list As a Customer of Company X assertNotNull(BearerToken.AuthList){ Given an authenticated user is I want to access the Given I am signing in to the Online signed in with a valid bearer token Services and provide correct details When the Dashboard is displayed digital services When I click on the Sign In Button Then it should include relevant data Then my Account Dashboard should So that I can make from the associated account to the be displayed authenticated user purchases online Given an authenticated user is Given I am signing in to the Online signed in with a valid bearer token Services and provide incorrect details When they change account details When I click on the Sign In Button within their account Then an error message should be Then the action and response should displayed be logged

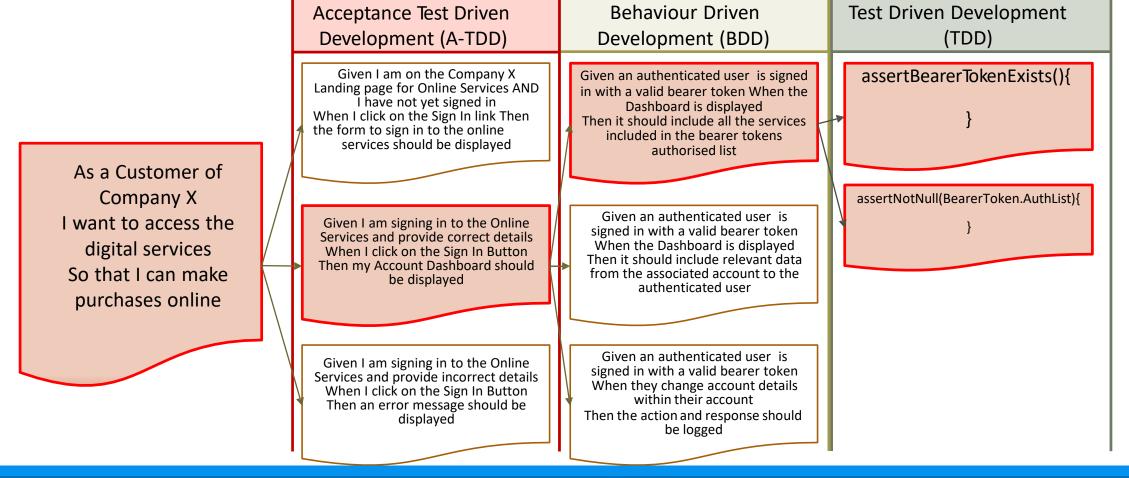
Behaviour Driven

Development (BDD)

Test Driven Development

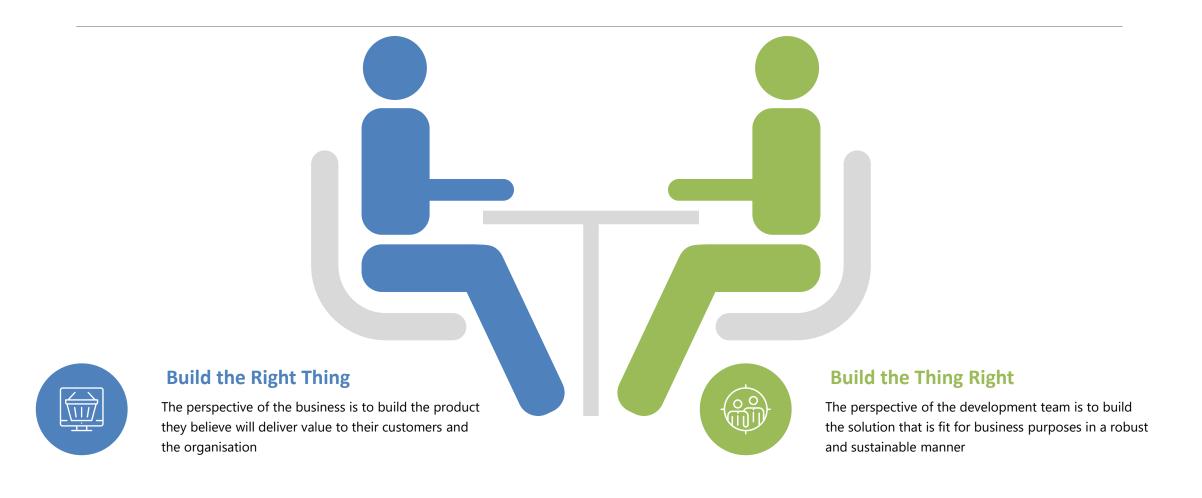
(TDD)

Thread from User Story to Unit Test



Have We delivered What We Expected

Using discussion to understand we have completed the work.



Thank You for Watching

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