## **Automation Step by Step**

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# BDD Quiz 1

October 20, 2020 Automation Comments: 0

#### **Reference video**

Congratulations – you have completed BDD Quiz 1

You scored 10 out of 10 points Your answers are shown below

1.

What does BDD stand for

- » Behaviour Driven Deployment
- » Behaviour Driven Development
- » Basic Development and Deployment
- » Behaviour Driven Discussion

BDD or **Behaviour Driven Development** is an approach to explore, discuss and agree on the system behaviour and then document the agreed behaviour which will then drive the development of the code to implement that behaviour

2.

BDD is about the collaboration between teams



False

True, BDD is about a process where different teams or their representatives meet and discuss the user story and how the system should behave. This leads to a common understanding of the system's behavior and improves collaboration between teams

3.

What are the 3 Practices of BDD

- » Discovery, Integration, Development
- » Discovery, Formulation, Development
- » Discovery, Formulation, Automation

The process of BDD starts with Discovery where teams meet and discuss the user story and decide on the expected behavior of the application or system.

The agreed behaviour is then documented as examples in the Formulation phase The documented examples are then used in Automation phase for Coding and **Automation** 

4.

What is the sequence of the 3 Practices of BDD

- » Discovery, Automation, Formulation
- » Discovery, Formulation, Automation
- » Formulation, Discovery, Automation

The process of BDD starts with

Discovery - Explore & Discuss on how the system should behave

Formulation – Create concrete examples that can be automated

Automation - Create Automation tests that will guide Development

5.



- » Common agreed understanding of the behavior of the system
- » Documented Examples

The process of BDD starts with Discovery where teams meet and discuss the user story and decide on the expected behavior of the application or system. After the meeting, the teams have a common agreed understanding of the behavior of the system

6.

What is the outcome of the Formulation phase

- » Requirement Document
- » Documented Examples of system behavior

The input for the Formulation phase is the **Common agreed understanding of the behavior of the system** and then these are converted into documented examples. So the outcome is the Documented Examples also called Living Documentation

7.

What is the outcome of the Automation phase

- » Implemented Code + Automation Tests
- » Written Documentation of Examples

In the Automation phase, the written documented examples (i.e. the outcome of Formulation) are used to create Automation tests, which are further used to guide development. The code is created to make the automation tests pass and so at the end of the Automation phase we have the Implemented Code + Automation tests

8.

What is Cucumber

- » A tool to facilitate BDD
- » Helps in converting documented examples to automation tests
- » All of the above



9.

Using Cucumber means you are doing BDD

- » False
- » True

Just by using cucumber does not mean that an organization is following the BDD process. Cucumber helps in the phase where you convert the documented examples into automation tests. BDD is a larger process that is about the collaboration between teams in an organization and comprises of 3 phases – Discovery, Formulation, and Automation

10.

If you want to implement BDD, you have to use Cucumber

- » No
- » Yes

Cucumber is just one of many tools that can help in the BDD process and is not the only tool for BDD

169

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