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## Spring Boot and Angular-React Stack -DevOps Tools and Capstone Project

This Course aims at introducing the developers with Agile methodology ,basic UXD guidelines and various DevOps CI tools like Git,Maven and Jenkins. ...More

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Learning Progress ?

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Overview

Contents

Discussions

### What you will learn

Understand project execution using Agile methodology Design the user interface to provide the best user experience Describe the concepts of Continuous Integration process involved in the Software Development Life Cycle Execute the build of a project using Maven for compiling, running test cases and deploying the project Discuss the need for a source code management system and demonstrate the capabilities of Git Analyze code using

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### At a glance

Course

107h 50m

Beginner Level

Free

Infosys Wingspan

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FA4, Project, Group Project, Java FA4 Project, Agile, Jenkins, Git, FP Java Project, Capstone, angular,

Thank you. Your test submitted.

You have cleared this assessment.

Obtained Percentage	Obtained Marks
90 %	9 / 10

Best Attempt Score:90 % on 26-03-2025

What should be done if a new requirement comes once an Agile project is running?

- ☐ Directly add it to the Sprint Backlog and start working on it
  - ☐ Just ignore it and discuss it after the project ends
  - ☒ Check for its importance, if important to business, add it to the Sprint Backlog and start working on it
  - ☐ Check for its importance, if important to business, add it to the Product Backlog and start working on it
- ...the less important requirements

Warning

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Vincent Kramer wants to see the last commit that has been made in the Git repository by his team.  
Which among the following pointers should he look for?

- ☐ MASTER
- ☒ HEAD
- ☐ ORIGIN
- ☐ SERVER

Warning

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The reason for holding a regular Retrospective meeting is:

- ☐ It allows the team to take a break
- ☒ It allows learning to improve the team performance
- ☐ It allows the Scrum master to review team metrics
- ☐ It allows the Scrum master to give some new ideas

Warning

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A project team member wants to create an exact copy of the existing Git repository.  
Which of the below-mentioned processes should he follow?

- ☐ Synchronizing
- ☒ Cloning
- ☐ Pulling
- ☐ Staging

Warning

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The project team is involved in understanding the functional and non-functional requirements which should be documented, measurable and testable related to business needs.

Which phase of software development is been referred here?

- ☐ Testing
- ☐ Build
- ☒ Requirement Analysis
- ☐ Design

Warning

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Ok

I am the fundamental unit of work in Maven. I have all the information about the project used to configure the Maven build phases, dependencies and plugins.

Who am I? How many plugins can I have?

- ☐ pom.xml , one or more
- ☒ pom.xml , zero or more
- ☐ project.xml , zero or more
- ☐ maven.xml , zero or more

### Warning

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Ok



Identify the below-mentioned phases of the scrum cycle.

1. Feedback is used to make changes to the product being developed or the process by which it is being developed.
2. Involves thoughtful examination and processing of the product and adaptation decisions are made regarding the process or product.

- ☐ 1. Adapt , 2. Produce
- ☐ 1. Plan , 2. Inspect
- ☐ 1. Adapt , 2. Inspect
- ☒ 1. Inspect , 2. Adapt

### Warning

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Ok

Harry wants to add a dependency in the pom.xml for running the JUnit test cases. Which project coordinates should he mention properly in order to get the necessary jar file?

- ☒ artifactId, groupId, version
- ☐ projectId, groupId, buildId
- ☐ groupId, projectId, version
- ☐ modelVersion, groupId, projectId

Warning

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Non-Agile Project: The team spends months documenting their requirements, analysis, design, and test cases as a result of which there is a good chance that what they have documented will be out of date by the time it is done.

Agile Project: The team presents something that might not completely resolve the customer problem but can give an idea about the intended functionality.

Which Agile Manifesto is been referred here?

- ☐ Working software over process and tools
- ☐ Responding to change over following a plan
- ☐ Individuals and interactions over process and tools
- ☒ Working software over comprehensive documentation

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Ok

An Agile approach can be best described as:

- ☐ To get something quick and dirty thrown together
- ☐ To get something simple and working as soon as possible
- ☐ To get something of high business value quickly
- ☒ To get something of high business value quickly

Warning

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