



Microsoft Azure DevOps Solutions v1.0 (AZ-400)

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Question 16 (Question Set 1)



Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

The lead developer at your company reports that adding new application features takes longer than expected due to a large accumulated technical debt.

You need to recommend changes to reduce the accumulated technical debt.

Solution: You recommend increasing the code duplication.

Does this meet the goal?

A. Yes

B. No

Expose Correct Answer

Answer : **B**

Explanation:

Instead reduce the code complexity.

Reference:

<https://dzone.com/articles/fight-through-the-pain-how-to-deal-with-technical>

Next Question

Question 17 (Question Set 1)



Note: This question is part of a series of questions that present the same scenario. Each question in the

series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

The lead developer at your company reports that adding new application features takes longer than expected due to a large accumulated technical debt.

You need to recommend changes to reduce the accumulated technical debt.

Solution: You recommend increasing the test coverage.

Does this meet the goal?

A. Yes

B. No

Expose Correct Answer

Answer : **B**

Explanation:

Instead reduce the code complexity.

Reference:

<https://dzone.com/articles/fight-through-the-pain-how-to-deal-with-technical>

Next Question

Question 18 (Question Set 1)



Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

The lead developer at your company reports that adding new application features takes longer than expected due to a large accumulated technical debt.

You need to recommend changes to reduce the accumulated technical debt.

Solution: You recommend reducing the code complexity.

Does this meet the goal?

A. Yes

B. No

[Expose Correct Answer](#)

Answer : **A**

Reference:

<https://dzone.com/articles/fight-through-the-pain-how-to-deal-with-technical>

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Question 19 (Question Set 1)



Your company has 60 developers who are assigned to four teams. Each team has 15 members. The company uses an agile development methodology. You need to structure the work of the development teams so that each team owns their respective work while working together to reach a common goal. Which parts of the taxonomy should you enable the team to perform autonomously?

- A.** Features and Tasks
- B.** Initiatives and Epics
- C.** Epics and Features
- D.** Stories and Tasks

[Expose Correct Answer](#)

Answer : **A**

Explanation:

A feature typically represents a shippable component of software.

Features, examples:

- > Add view options to the new work hub
- > Add mobile shopping cart
- > Support text alerts
- > Refresh the web portal with new look and feel

User Stories and Tasks are used to track work. Teams can choose how they track bugs, either as requirements or as tasks

Incorrect Answers:

B, C: An epic represents a business initiative to be accomplished.

Epics, examples:

- > Increase customer engagement
- > Improve and simplify the user experience
- > Implement new architecture to improve performance
- > Engineer the application to support future growth
- > Support integration with external services
- > Support mobile apps

Reference:

<https://docs.microsoft.com/en-us/azure/devops/boards/backlogs/define-features-epics>

<https://docs.microsoft.com/en-us/azure/devops/boards/work-items/about-work-items>

Next Question

Question 20 (Question Set 1)



HOTSPOT -

Your company uses Git as a source code control system for a complex app named App1.

You plan to add a new functionality to App1.

You need to design a branching model for the new functionality.

Which branch lifetime and branch type should you use in the branching model? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Branch lifetime:	<table><tr><td></td><td>▼</td></tr><tr><td colspan="2">Long-lived</td></tr><tr><td colspan="2">Short-lived</td></tr></table>		▼	Long-lived		Short-lived			
	▼								
Long-lived									
Short-lived									
Branch type:	<table><tr><td></td><td>▼</td></tr><tr><td colspan="2">Master</td></tr><tr><td colspan="2">Feature</td></tr><tr><td colspan="2">Integration</td></tr></table>		▼	Master		Feature		Integration	
	▼								
Master									
Feature									
Integration									

Expose Correct Answer

Answer :

Answer Area

Branch lifetime:

	▼
Long-lived	
Short-lived	

Branch type:

	▼
Master	
Feature	
Integration	

Explanation:

Branch lifetime: Short-lived -

Branch type: Feature -

Feature branches are used when developing a new feature or enhancement which has the potential of a development lifespan longer than a single deployment.

When starting development, the deployment in which this feature will be released may not be known. No matter when the feature branch will be finished, it will always be merged back into the master branch.

References:

<https://gist.github.com/digitaljhelms/4287848>

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