Gruppe 4 - IN3240/IN4240

Uke 15

Plan for dagen

Eksamensoppgaver fra 2024

Multiple choice of short answers

Med hjelpemidler

Design test cases

Coordinatie the test strategy and plan with project managers

Evaluate the test results against the exit criteria

Collect test results and report on test progression

Decide what should be automated and to what degree

Analyze, review and assess user requirements

Obtain and prepare test data

Tester	Testleder

	Tester	Testleder
Design test cases	X	
Coordinatie the test strategy and plan with project managers		X
Evaluate the test results against the exit criteria		X
Collect test results and report on test progression	X	
Decide what should be automated and to what degree		X
Analyze, review and assess user requirements	X	
Obtain and prepare test data	X	

ISTQB distinguishes between the terms test type and test level.

	Test Type	Test Level
Acceptance testing		
Unit testing		
Functional testing		
System testing		
Non-functional testing		
Structure based testing		
Integration testing		
Testing related to changes		

	Test Type	Test Level
Acceptance testing		X
Unit testing		X
Functional testing	X	
System testing		X
Non-functional testing	X	
Structure based testing	X	
Integration testing		X
Testing related to changes	X	

What is the purpose of confirmation testing?

A) To confirm the user's confidence that the system will meet their business needs.

B) To confirm that the detailed logic of a component conforms to its specification.

C) To confirm that a defect has been fixed correctly

D) To confirm that no unintended defects have been introduced as a result of changes made.

A) To confirm the user's confidence that the system will meet their business needs.

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D) To confirm that no unintended defects have been introduced as a result of changes made.

Which of the following best describes integration testing?

A) Integration of automated software test suites with the product.

B) Testing to verify that test environment can be integrated with product.

C) Testing performed to expose faults in the interfaces and in the interaction between integrated components.

D) Testing to verify that a component is ready for integration.

Fasit

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Benefits and risks of using tools to support testing

Risk | Benefit

Ease the access to information about tests or testing

Objective assessment

Greater consistency and repeatability

Repetitive work is reduced

Unrealistic expectations

Underestimating the effort required to maintain the test assets generated by the tool

Overreliance on the tool

Risk	Benefit

Fasit

	Risk	Benefit
Ease the access to information about tests or testing		X
Objective assessment		X
Greater consistency and repeatability		X
Repetitive work is reduced		X
Unrealistic expectations	X	
Underestimating the effort required to maintain the test assets generated by the tool	X	
Overreliance on the tool	X	

Beta testing is …

A)   … performed by end users at their own site.

B)   … performed by end users at the software developer's site.

C)   … performed by an independent test team.

D)   … useful to test software developed for a specific customer or user.

FASIT - Beta testing is ...

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Uten hjelpemidler

7 principles: What is Defect clustering principle?

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De fleste defects funnet er ofte i de samme små antall modulene. Altså, der det finnes en feil kan det ofte være flere.

What are the other principles? (Only the names)

Testing shows the presence of errors

Exhaustion testing is impossible

Early testing

Pesticide paradox

Context Dependent testing

Absence of errors fallacy