

Software Engineering-Unit Test 2

SE A,B,C,D

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SCOC14



Which of the following is not a UML diagram?

- ☐ Class diagram
- ☐ Object Diagram
- ☒ Interface diagram
- ☐ Use Case Model

Clear selection

_____ diagram is time-oriented?

- ☐ Activity
- ☒ Sequence
- ☐ Collaboration
- ☐ Both A and B

Clear selection

What is the first step of requirement elicitation?

- ☒ Identifying Stakeholders
- ☐ Listing out developers
- ☐ Requirements Gathering
- ☐ All of above mentioned

Clear selection



which one of the following is a functional requirement?

- ☐ Maintainability
- ☒ Portability
- ☐ Business needs
- ☐ Reliability

Clear selection

_____ & _____ diagrams of UML represent Interaction modeling.

- ☒ Use Case, Sequence
- ☐ Class, Object
- ☐ Activity, State Chart
- ☐ All of the mentioned

Clear selection

What is the first step of requirement elicitation ?

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- ☐ None of the above

Clear selection

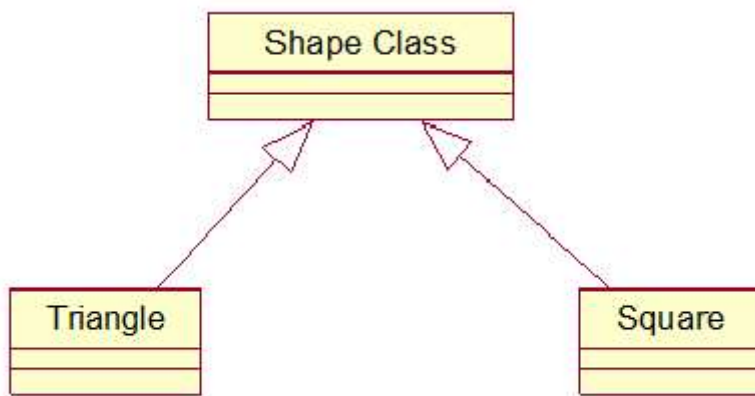


Which of the following is not a part of Software evolution?

- ☐ Re-engineering activities
- ☒ Maintenance activities
- ☐ Development activities
- ☐ Negotiating with client

Clear selection

What type of relationship is represented by Shape class and Square ?



- ☐ Realization
- ☒ Generalization
- ☐ Aggregation
- ☐ Dependency

Clear selection



The best way to conduct a requirements validation review is to

- ☐ examine the system model for errors
- ☐ have the customer look over the requirements
- ☐ send them to the design team and see if they have any concerns
- ☒ use a checklist of questions to examine each requirement

Clear selection

In collaborative requirements gathering, the facilitator

- ☐ cannot be a member of the software team
- ☐ cannot be a customer
- ☒ controls and facilitates the process
- ☐ must be an outsider

Clear selection

Which of the following is true?

- ☐ Activity diagrams are used to model the processing of data.
- ☐ Model-driven engineering is just a theoretical concept.
- ☐ Model-driven engineering cannot be converted into a working/executable code.
- ☒ All of the above

Clear selection



What are the characteristics of software?

- ☐ Software is developed or engineered; it is not manufactured in the classical sense.
- ☐ Software doesn't "wear out".
- ☐ Software can be custom built or custom build.
- ☒ All mentioned above

Clear selection

You are working as a project manager. Your Company wants to develop a project. You are also involved in planning team. What will be your first step in project planning?

- ☐ Establish the objectives and scope of the product.
- ☒ Determine the project constraints.
- ☐ Select the team.
- ☐ None of the above.

Clear selection

In use case diagram process is denoted by

- ☒ Ellipse
- ☐ Rectangle
- ☐ Square
- ☐ Triangle

Clear selection



QFD stands for?

- ☒ Quality function deployment
- ☐ Quality function design
- ☐ Quality function development
- ☐ None of above

Clear selection

Keeping the requirements of QFD in mind which of the following is not an example of an Expected Requirement ?

- ☐ Ease of software installation
- ☐ Overall operational correctness and reliability
- ☒ Specific system functions
- ☐ Quality graphical display

Clear selection

Which of the following is not one of the requirement classifications used in Quality Function Deployment (QFD)?

- ☐ exciting
- ☐ expected
- ☒ mandatory
- ☐ normal

Clear selection



Use cases _____

- ☐ Describe Workflow
- ☒ Identify system goals
- ☐ Identify business processes
- ☐ Prioritize system procedures

Clear selection

An operation can be described

- ☐ Class
- ☐ Object
- ☐ Functions
- ☒ Both A and B

Clear selection

The fact that the class can use the properties of two or more classes is called what?

- ☐ Inheritance
- ☒ Polymorphism
- ☐ Encapsulation
- ☐ All of above

Clear selection

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