Advanced Software Engineering

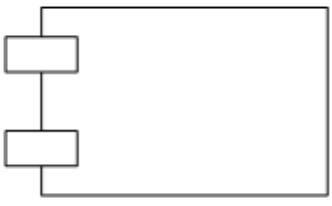
Multiple Choice Question & Answers:-

- What type of core-relationship is represented by the symbol in the figure below?

- Aggregation
- Dependency
- Generalization
- Association

Answer : a
Explanation : The figure is self explanatory.

- Which core element of UML is being shown in the figure?



a) Node
b) Interface
c) Class

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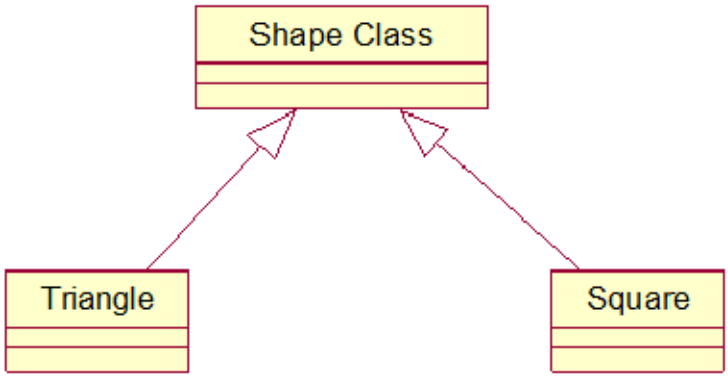
d) Component

Answer : d
Explanation : The figure is self explanatory. A component is a modular, significant and replaceable part of the system that packages implementation and exposes a set of interfaces.

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



a) Realization
b) Generalization
c) Aggregation
d) Dependency

Answer : b
Explanation : The generalization relationship is also known as the inheritance relationship. In the figure Square is the sub class of super class shape.

- Which UML diagram is shown below?

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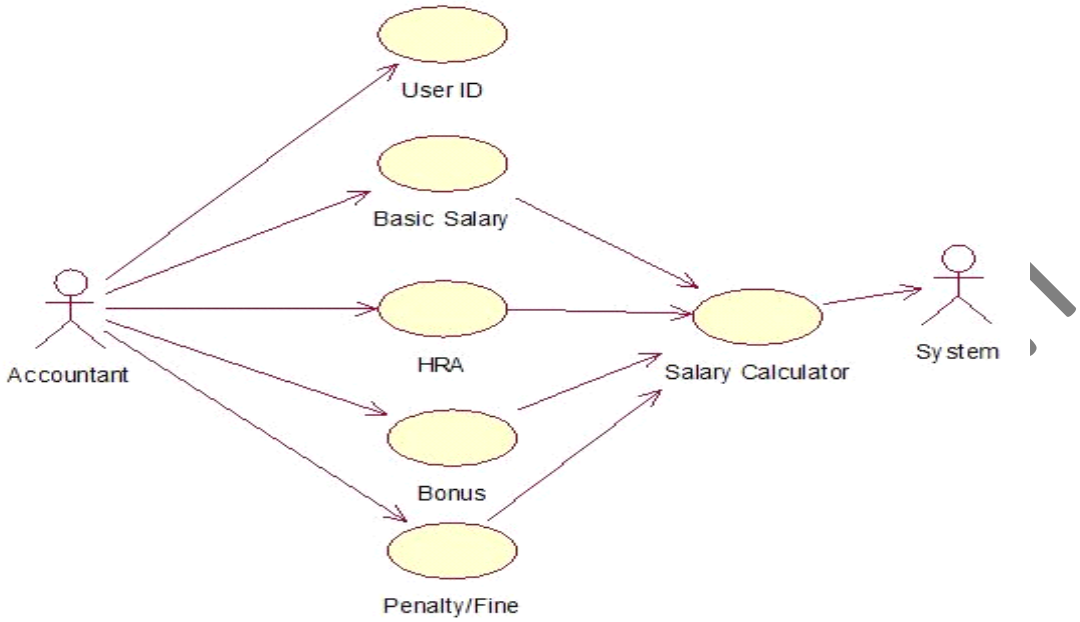

a) Use Case
b) Collaboration Diagram
c) Class Diagram
d) Object Diagram

Answer : a
Explanation : The diagram is self explanatory.

- Which UML diagram is shown below?

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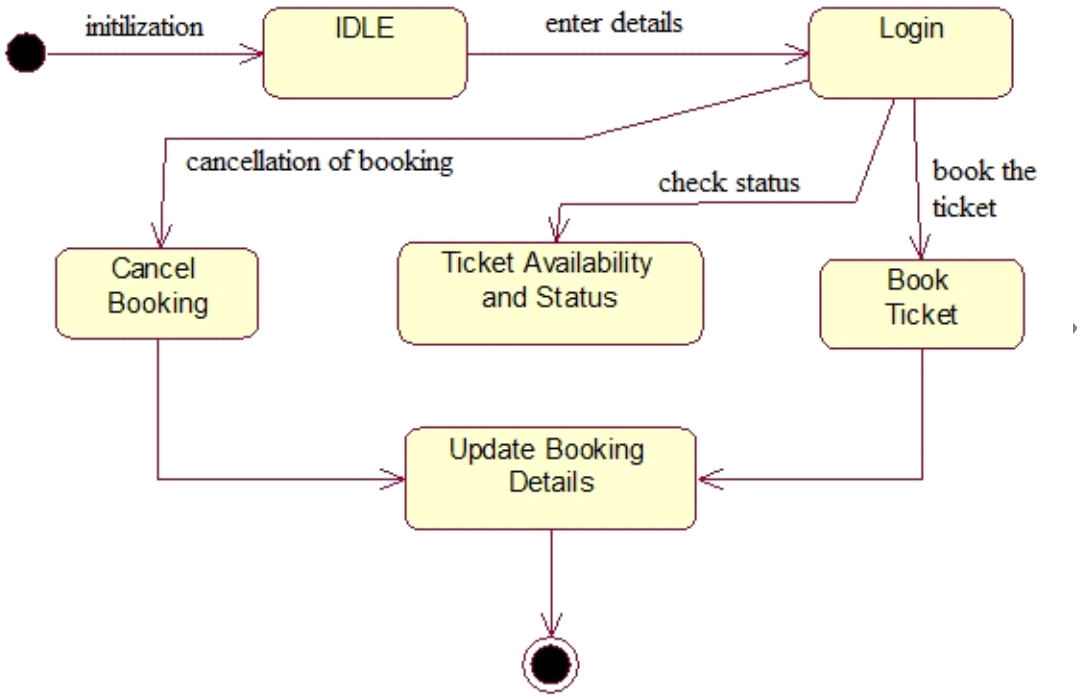

a) Use Case
b) State Chart
c) Activity
d) Object Diagram

Answer : b
Explanation : The diagram is self explanatory.

- Which UML diagram is shown below?

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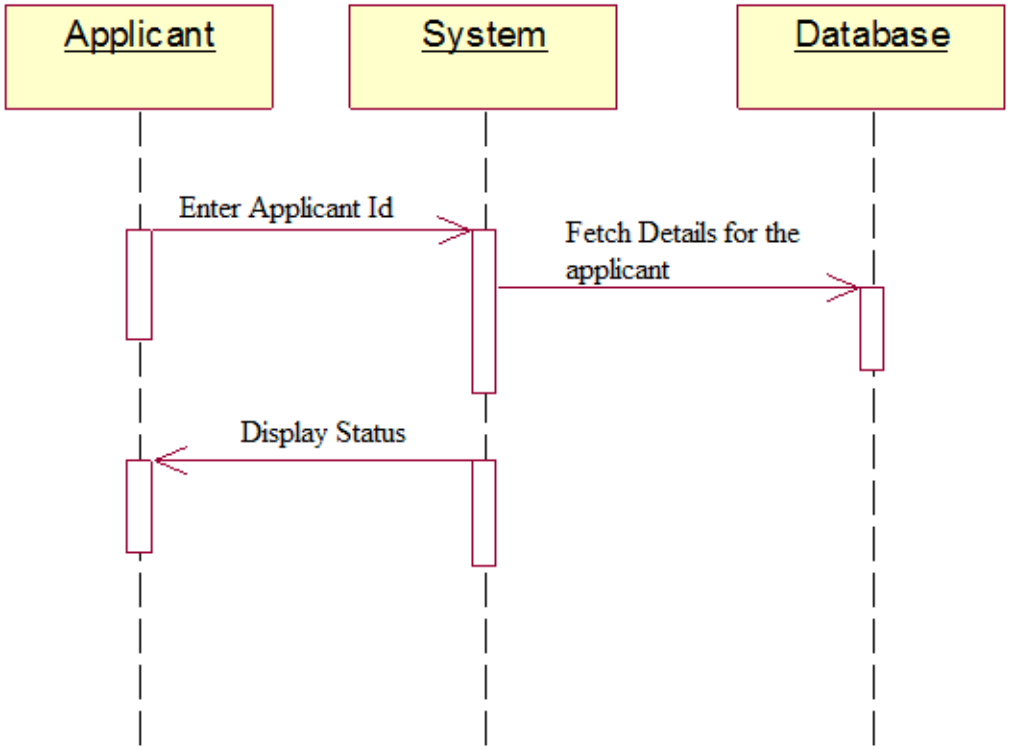

a) Use Case
b) Collaboration Diagram
c) Sequence Diagram
d) Object Diagram

Answer : c
Explanation : The diagram is self explanatory.

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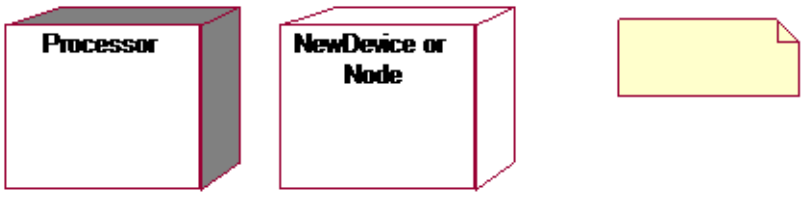
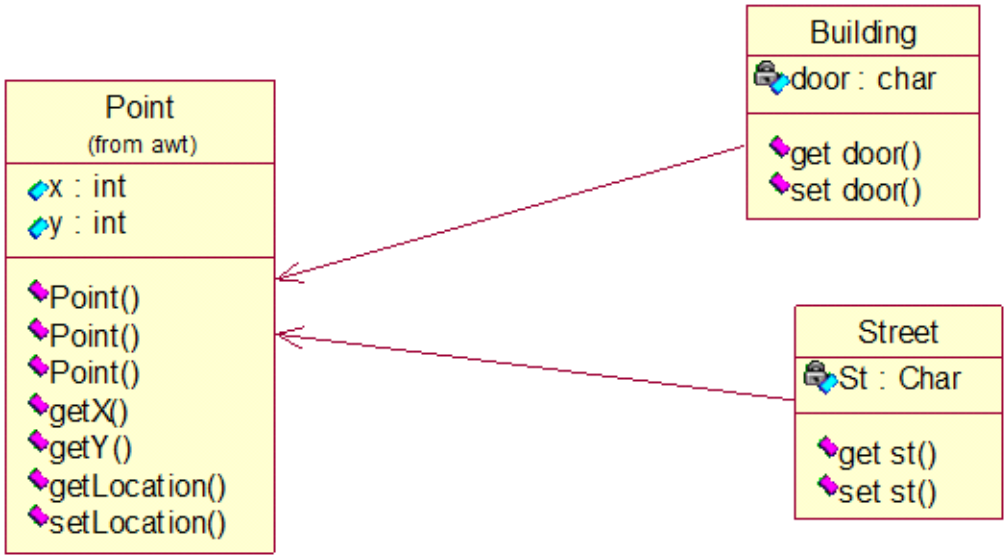
- Which UML diagram's symbols are shown below?



a) Deployment diagram
b) Collaboration Diagram
c) Component Diagram
d) Object Diagram

Answer : a
Explanation : The diagram is self explanatory.

- Which UML diagram is shown below?



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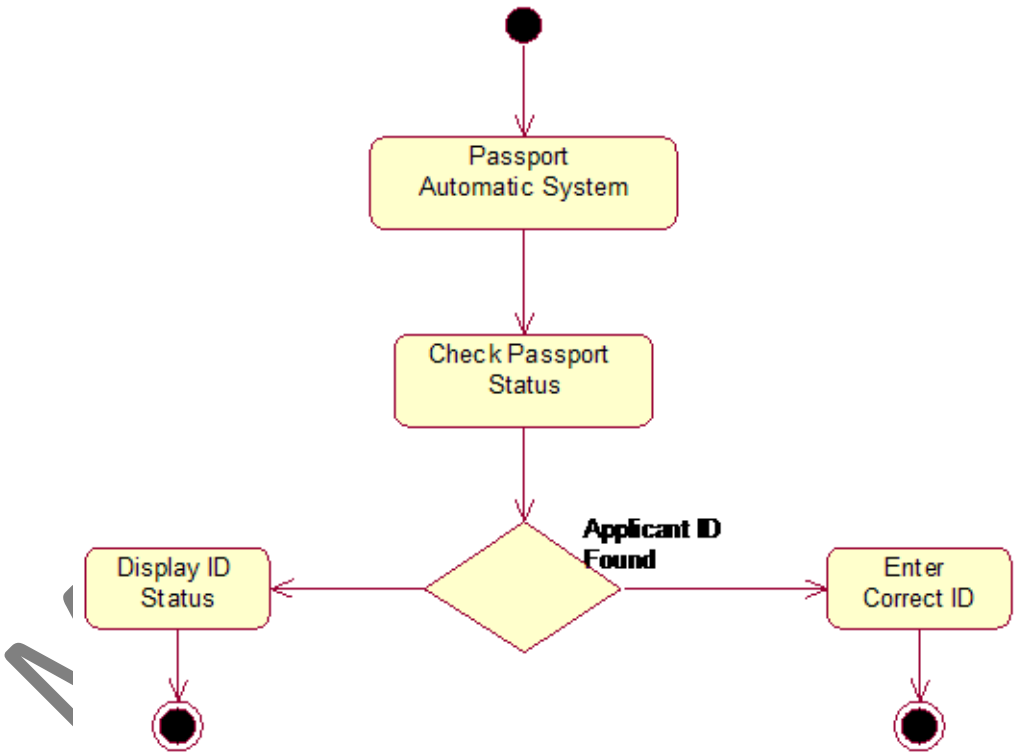
a) Deployment diagram
b) Collaboration Diagram
c) Object Diagram
d) Class Diagram

Answer : d
Explanation : The diagram is self explanatory.

- Which UML diagram is shown below?

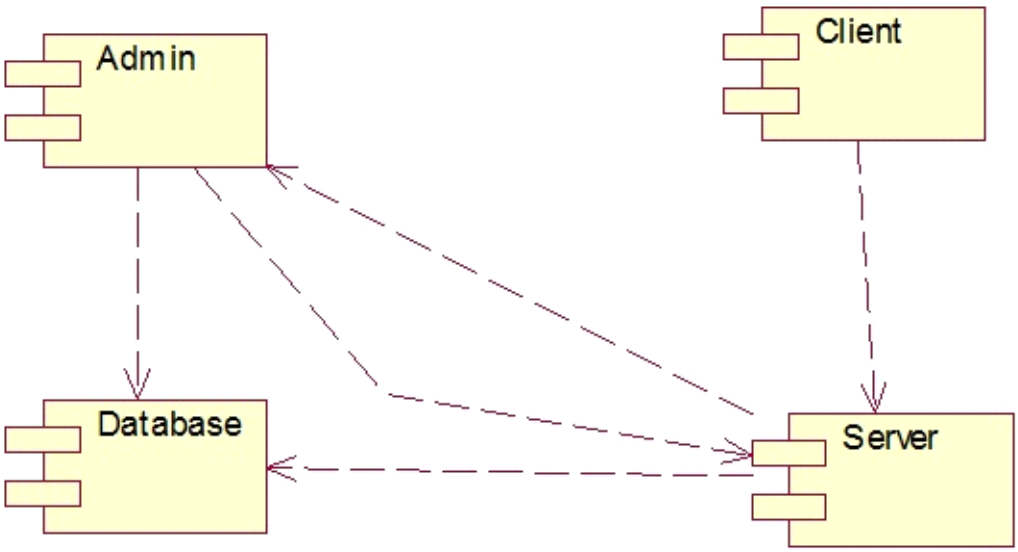


a) Activity
b) State chart
c) Sequence

c) Collaboration

Answer : a
Explanation : The diagram is self explanatory.

- Which UML diagram is shown below?



a) Component
b) Deployment
c) Use Case
d) DFD

Answer : a
Explanation : The diagram is self explanatory.

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