Software Design Lab- Exp 8

Total points 6/6 ?

State chart diagram

Section score 6/6

Batch- Roll No. *

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✓ **What does an entry action of a state indicate?** *   1/1

- ● Action performed after the system moves into the given state   ✓
- ○ Action performed before system moves into the given state
- ○ An optional action performed when system moves into the given state
- ○ None of the above

✓ **What does the guard condition depicted over the transition between any two states indicate?** *   1/1

- ● A condition that must be true for the transition to happen   ✓
- ○ A condition that must be false for the transition to occur
- ○ An indicator that this transition should not happen
- ○ An event that might happen as result of the transition

✓ A state can contain one or more sub-state(s) within it *   1/1

  ⦿ True   ✓

  ◯ False

✓ What does forking of several activities from a synchronization point indicate? *   1/1

  ◯ All those activities should get executed one after another

  ⦿ The activities can be performed in parallel   ✓

  ◯ One or more activities could be skipped

✓ Which of the following is true? *   1/1

  ◯ A transition is a change from one state to another

  ◯ Transitions may be spontaneous, but usually some event triggers them

  ◯ An event is a noteworthy occurrence at a particular time; events have no duration

  ⦿ All of the mentioned   ✓

✓ Which of the following is true? *   1/1

  ◯ A state symbol without a nested state compartment represents a complex state

  ◯ One with a nested state compartment represents a simple state

  ⦿ None of the mentioned   ✓

  ◯ All of the mentioned