

## **Internal Activities**

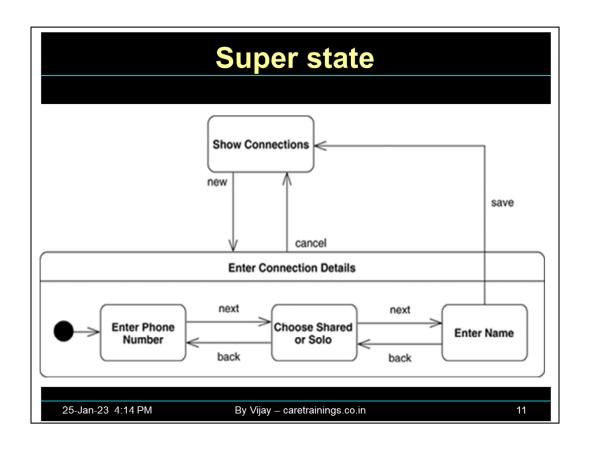
## **Typing**

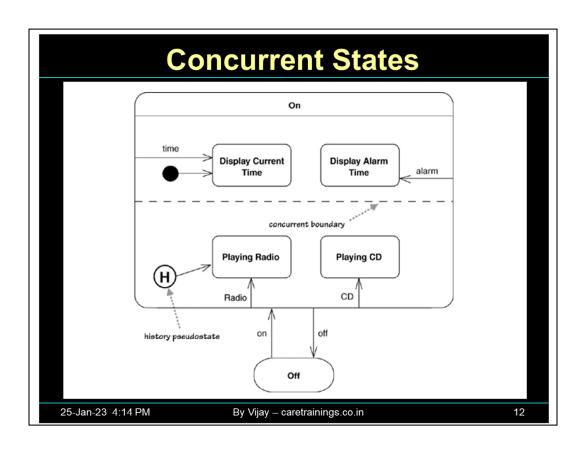
entry/highlight all exit/ update field character/ handle character help [verbose]/ open help page help [quiet]/ update status bar

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## **State Diagrams**

- When you model an entity in a system, the object representing the entity can be in various states over a period of time.
- At a particular moment, an object can be in a particular state, defined by the value of its attributes.
- An object's lifecycle extends from the initial state to its final state.
  The state of an object can change as events occur.
- The change of state of an object from a source state to a target state is called a state transition.

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## State Diagrams (Cont'd)

- Steps to create a state diagram are as follows:
  - Start by creating a region and mark the initial state in it. You can give the initial state a name.
  - Identify the various actions happening related to the object and identify its states, by referring to the:
    - Use case
    - Domain model
    - Activity diagrams
  - Define the transition between the objects.

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