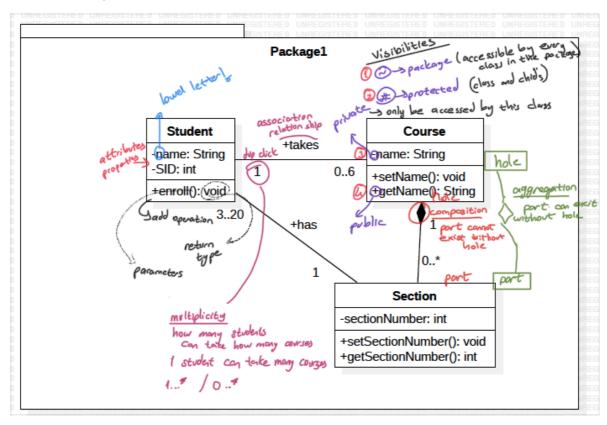
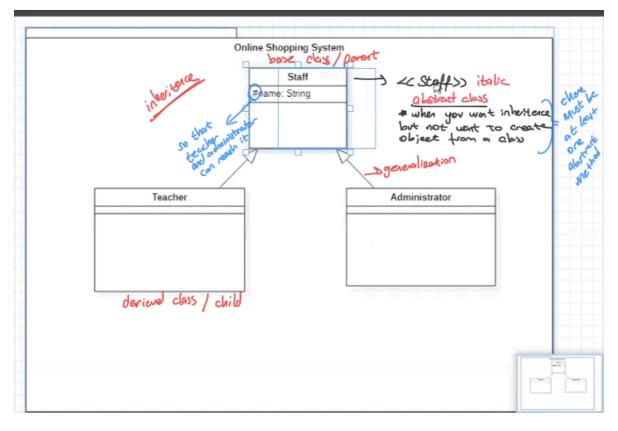
recit -3

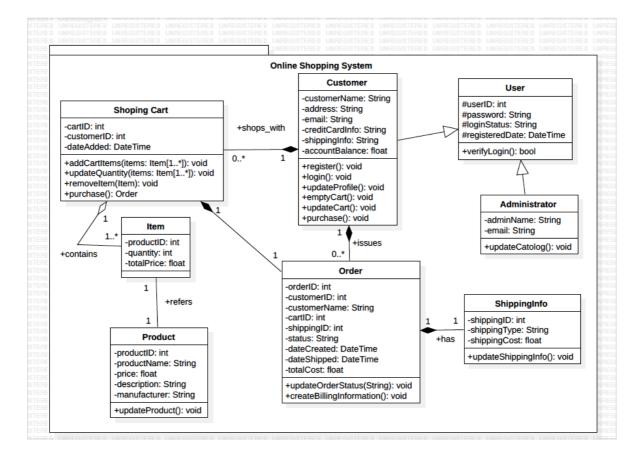
class diagram and state digram

class diagram:

- -structural diagram
- -attributes & operations of classes







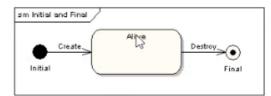
state diagram:

- -can be created for all or part of the system
- -behavioral

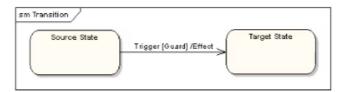
states+state transitions + trigger(what causes the transition)

A state can also have three special behaviors that are triggered on the basis of predefined events: The entry behavior is executed immediately upon entering the state. The exit behavior is executed immediately before exiting the state. The do behavior is executed while the state is active. Sm Entry and Exit Receiving On Entry / pickup On Exit / disconnect

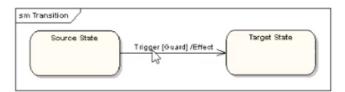
2) Initial and Final States



3) Transitions

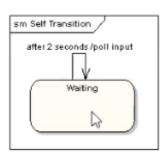


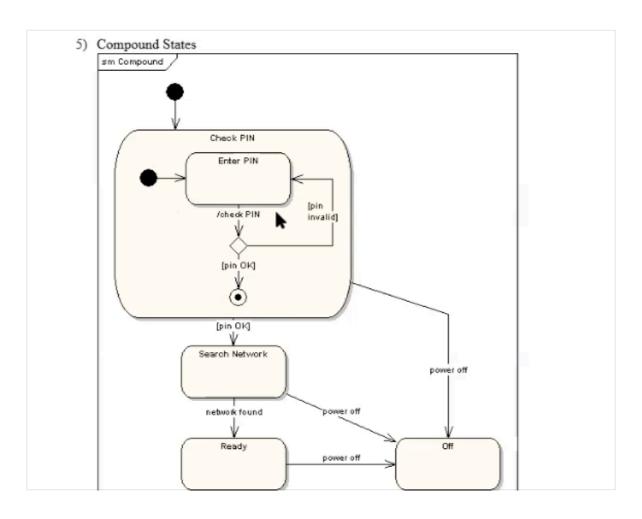
3) Transitions

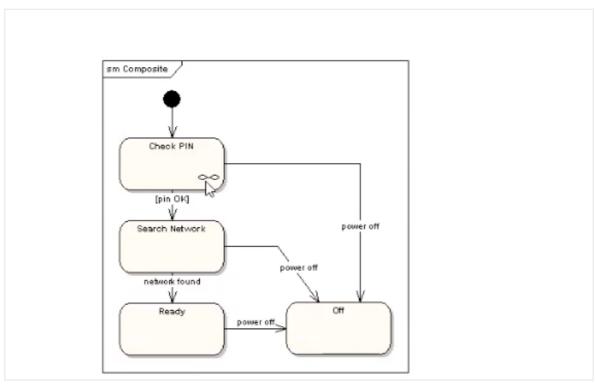


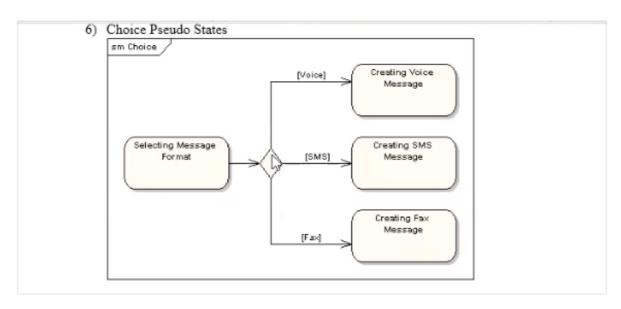
"Trigger" is the cause of the transition, which could be a signal, an event, a change in some condition, or the passage of time. "Guard" is a condition which must be true in order for the trigger to cause the transition. "Effect" is an action which will be invoked directly on the object that owns the state machine as a result of the transition.

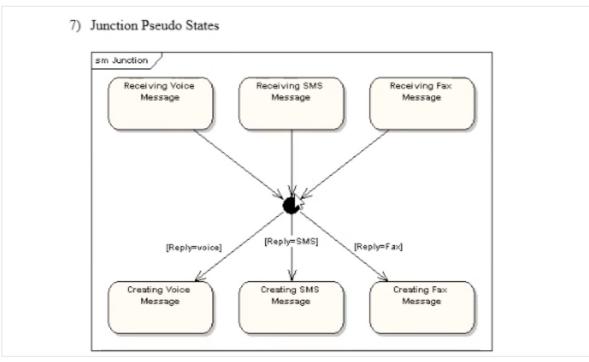
4) Self Transitions



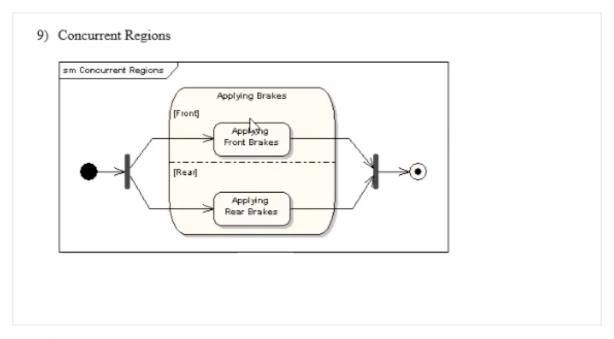








8) History Sm History Running Rinsing Spinning Flower Off Power Off Power Off Spinning Spinning Rinsing Spinning Spinning



examples:

