

1.

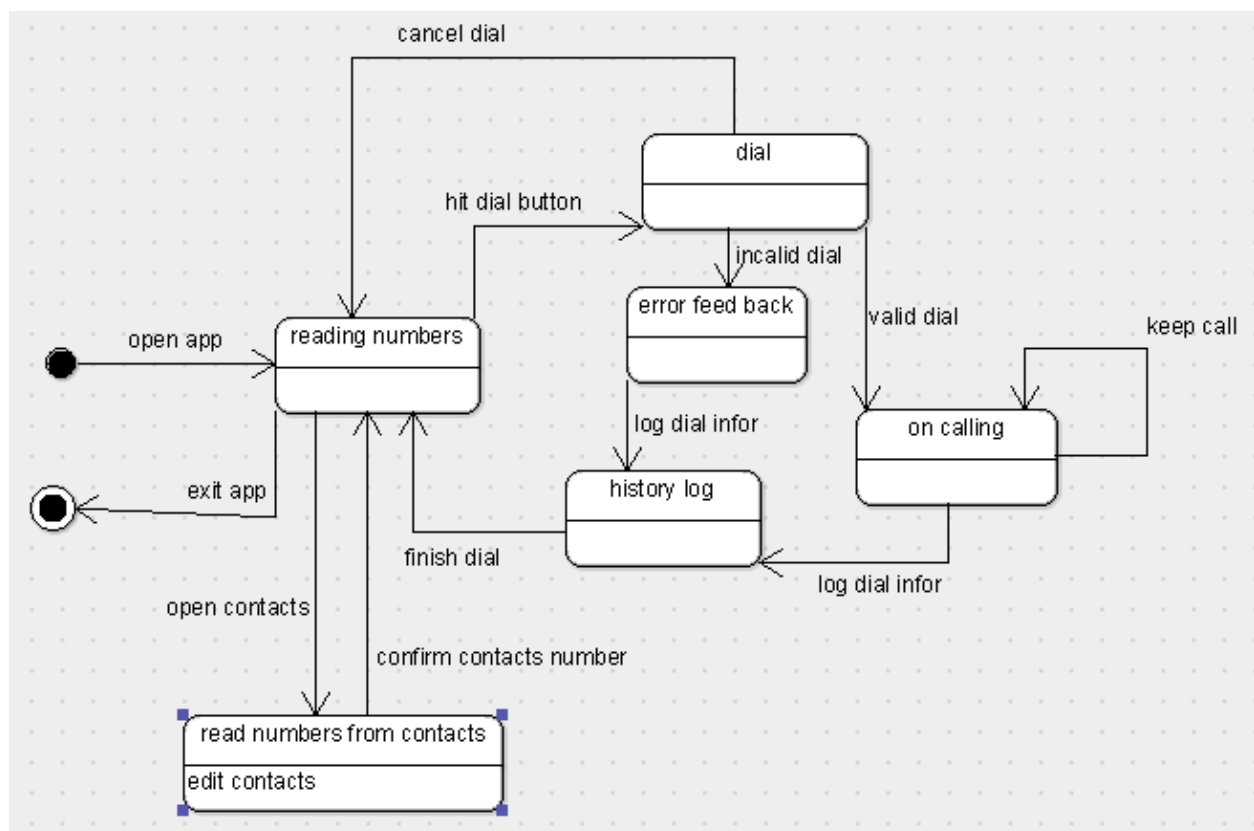
Sequence diagram and Statechart diagram both are belonging to the behavior models.

Statechart diagram indicates how an individual class changes state based on external Events. It represents the states of activities from class and events that how those states flow and related. Base on classes, or more concrete block of things.

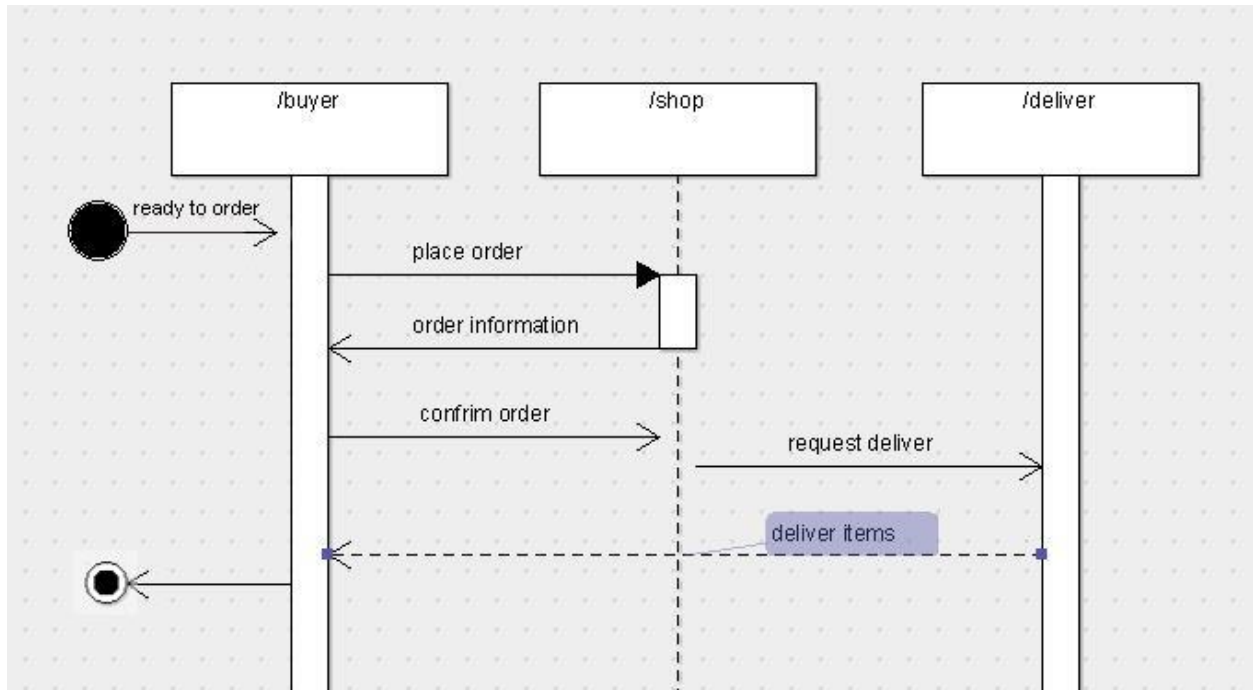
Sequence diagram shows the behavior of the software as a function of time. it represents the states by lining up all the classes(actors), and show how data flows from state to state with respect of timeline between classes. Base on some action, like “placing an order” in question 3.

Eventually both of them show how data flow from state to state using similar activities and events.

2.



3. argouml, can't control the white bock under /name, and no start and end state able for sequence diagram, so I grab them by using other software.



4.

Question	Source	Did source help?	Source relevant?	Why consider credible?
Sequence diagram example	Google images	yes	Yes, shows many pic doing this example	There is many different pic for this question, I just pic few looks right
Statechart diagram example	Google images	yes	Yes, shows many pic doing this example	There is many different pic for this question, I just pic few looks right

What is a swimlane diagram	Text book	yes	yes	This is the book for this class
example prototyping model	https://www.feedough.com/what-is-a-prototype/	no	Yes, it basically talks about prototyping model	I don't care if it is credible, I just want some ideas
Does every class and function name in class diagrams need same to CRC cards	Many web from google search	no	Not really, I didn't find the answer I wanted.	Some well known web site I would consider more credible than others
What is spiral model	Text book	yes	yes	This is the book for this class