

Instructions for Skills Practice – State Machine Diagram

Assignment

Based upon my solution to the Conceptual ERD skills practice assignment, create a UML State Machine diagram that illustrates the various states of an Order in the iSchool Webstore System. When creating your State Machine diagram, consider more than just the Order entity type that is shown on the Conceptual ERD document. Also, consider the other entity types in the diagram that hold information regarding the state of an Order (entity types like ShipEvent and PickEvent).

Tools

I recommend that you use MS Visio 2016. The video tutorial for creating a state-machine diagram is based on Visio 2013. I am not aware of any significant differences. I have not yet created a video tutorial for this skill using Visual Paradigm. Any student using Visual Paradigm should contact me directly if they need help.

Technique

Create a State Machine diagram according to the UML standard as discussed in the lecture and as shown in the tutorial video.

Length

One State Machine Diagram should be submitted. It may occupy more than one page if necessary.

Format

Submit a **single PDF document**.

File Naming Conventions

The name of the file that you submit should include both your name and the name of the assignment. It should follow the form:

trainor_kevin_state_machine_diagram.pdf

Due By

Please submit this assignment by the date and time shown in the Weekly Schedule.