

## **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**

Use MS Visio 2016. Please contact me for approval before using a different tool.

### **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.