

Instructions for Skills Practice – Use Case Diagrams

Assignment

Using the use case diagramming (UCD) techniques presented in Hoffer Chapter 7 Appendix A, and the approach demonstrated in the tutorial video that accompanies this assignment, create use case diagram(s) for the iSchool Webstore System. Remember that the use case diagrams collectively describe the scope of the automated system. Also, please remember that while work done within, between, and among actors is a very interesting subject, it is not represented in the use case diagram. Dealings between actors that are not mediated by the automated system are never shown on use case diagrams.

Finally, please remember to include the few “administrative” use cases needed to provide basic security and authentication services for the system. At a minimum, administrative use cases should always include use cases like “Authorize User” and “Login”.

For more information on the iSchools Webstore, please see the *Skills Practice Case Scenario - iSchool Webstore* document.

Tools

I recommend that you use MS Visio 2016. As an alternative, you may use Visual Paradigm. I have made tutorial videos available that show how to make use case diagrams using both of these tools.

Length

Create as many use case diagrams as needed to fit all of the use cases. Once you decide to create more than one use case diagram, you need to decide how to group (or “package”) the use cases onto the diagrams. One packaging approach that is popular is to have one diagram for “business” use cases and another for “administrative” use cases. When there are a large number of “business” use cases, they may not all fit on one diagram. So, you may need to divide those use cases by functional area (accounting, inventory, shipping, etc.). Deciding how to package the use cases onto multiple diagrams is an artful rather than a scientific task.

Format

Your work should be submitted as 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_skills_practice_use_case_diagrams.pdf

Due By

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