Events and Things
MSIS 554, Prof. Robin Burke
Due: Lab exercise 2/21

Objective
To enumerate the functions that the your team’s component of the overall e-commerce system will ultimately perform.

Activity
Each team will develop a list of the 10-20 events that should be handled by their component of the business. For example, the Sales team would have a “New Subscriber Purchase” event that takes place when a new subscriber decides to purchase a particular set of course notes; the Supplier Support team would have a “New Contributor” event that takes place when I-Notes adds a new lecture note contributor to the system and set the course to which they are contributing. These events should fall directly out of the use cases from the previous deliverable, but you may find that you discover additional events as you analyze your needs. Don’t forget to include events that are scheduled at specific points in time: monthly payments to contributors, weekly sales reports.
Build an event table with the following columns: Event Name, Trigger (what happens to cause the event to appear in the system), Source (who generates the event), Activity (what processing takes place), Response (what the output is), Destination (who receives the output). There may be multiple responses and multiple destinations.
From these events, derive the “things” that the events are about: the entities that participate in the event. For example, the “New Subscriber Purchase” event involves a Course, and a Subscriber among others. The “New Contributor” event involves a Course and a Contributor among others. Note that both the Sales and Supplier Support team will discover the need for the “Course.” Most business objects will be shared across the enterprise.
Put together a list of the things that you have discovered and next to each thing, list its stakeholders, what other parts of the organization will have a stake in how that object is defined and used.

Submission
Submit hard copies of the event table and the list of things at the end of lab.