ISC 560                                               Spring 2013

**Project 1, Part 3** –As in previous Parts of this Project, failure to work on this Part without outside assistance will result in ALL students involved being charged with violation of USA’s Academic Misconduct policy.

Objectives:

1.       Using **Microsoft Visio**, update the Domain Model in that supports the 3 use cases you selected in Project 1, Part 2 to include multiplicities and role names for all associations.  Be sure to add attributes to concepts when you know them.  Save this Visio drawing.

2.       ON SEPARATE PAGES write all necessary System Operation Contracts for theuse cases related to your three use cases.  You should write one Contract for EACH message (operation) containing Post-conditions from an Actor to your System object which are shown on your System Sequence Diagrams. Be sure and fill in each part of the Contract template but pay particular attention to the Preconditions and Post-conditions sections as these are the MOST IMPORTANT PARTS, especially the Post-conditions.  Your System Operation Contract Post-conditions should be limited to the following 5 tasks:  Instances of which concepts being *created* or *deleted*.  Include attributes having their *values modified* to new values and nstances of associations between concepts being *added* or *deleted*.

  A minimum of 4 contracts must be written.

 Deliverables:

Add to the Dropbox or before the above due date the following:

1.       One (1) Microsoft Visio drawing containing your updated Domain Model

2.       One (1) Microsoft Word document containing your System Operation Contracts (and other artifacts that have been previously saved in this document).

         Deliverables which are not in the required format will not be accepted for full credit.