**[Phase III](https://framingham.blackboard.com/webapps/assignment/uploadAssignment?content_id=_1689267_1&course_id=_3020866_1&assign_group_id=&mode=view)**

Project Phase III:  System Modeling and Prototype

Due Dates:

Presentation due date: **Thursday, April 14**

All artifacts at due date: Drop softcopy in Blackboard, and submit hardcopy before starting the calss **\*\***

Value:  20 points

**Instructions**

For this part of the project, you have been enlisted to design a system model and produce the executable prototype version. Your team make simple prototype for the part of the project(Not everything) based on system model you designed.  Select the most important part of your project and Simply develop one modular to present to your client.

Your task for this assignment is to produce a script based prototype of your paper prototype, and **system model of your entire system using class diagram. Your class diagram identifies all objects.  Each object must have all class attributes and methods.**

You deliver partial prototype version of the software meaning that only one part of the software is developed with scripting language based on your class diagram.

You must also provide a short narrative that a user can use to understand.

**Deliverables**

* On the presentation due date, all teams shall present their system model and prototypes. Each team will have 10 minutes maximum to present. You should demonstrate partial scripting prototype based on your system model.

**Basis for Grade**

Presentation:                                                   3 points – see below

scripting Prototype:                                          7 points – see below

Class diagram:                                                 7 points

Minutes                                                             3 points

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**Grading Rationale**

The presentations shall be ranked based on acceptance by the client. The team(s) who are ranked first shall receive the full 20, those ranked second shall earn a base 17 points, and those ranked next to receive 14 points and so on. It is likely that several teams will be ranked together.  **Make no mistake --** this is a competition! The quality of your presentation as well as your prototype shall determine the ranking.

**Your presentation must include system model you designed.**