**BIT-2400, Assignment 6**

**Final Project**

**Due: December 8th, 2014, Midnight**

**Description**

Based on all the topics discussed in class, create a program of your own choice with the following requirements:

* Your program has to be object-oriented and use inheritance.
* Your program has to use “at least” one of the main technologies introduced in class: Console Application, Allegro, MFC, OpenCV, or Cocos2d
* Your program has to be significantly different from previous assignments and examples discussed in class but it can be based on them.
* Your program has to be twice as big as a typical assignment in terms of complexity and amount of coding required.

**Marking Notes (total 10)**

* 1 mark: 1-page Report including:
  + Description of your idea
  + Description of your code
  + Your own evaluation of the project (the mark you believe you deserve)
* 2 marks: General programming
* 2 marks: Novelty of the idea compared to previous assignments and examples
* 2 marks: Complexity of the idea
* 3 marks: Implementation of the idea

☞ This is an individual assignment. Group work is allowed only after approval by instructor.

**Submission**

* Submit a single zip file containing your project and report. Remove .SDF files and debug (or Release) directory before you make the zip file.
* There will be -2 penalty for compile errors that are easy to fix. More critical errors will result in 0 for submission.