Concordia University
Department of Computer Science
and Software Engineering

Software Process
SOEN 341 --- Fall 2006 --- Section H

Project Deliverable 1 Description

1. First Incremental Code Build

You have to deliver and demonstrate some code that implements the simulation of a radar, as described in the project description. The radar should be an object that, given its position and range, will be able to return a list of positions of the objects it detects. This implies that the list of the position of all objects in the simulation is available (that will be later a part of the Simulation Controller). As described in the project description, the radar should interact with a "media" object (in this case, the air). The media then in turn interrogates the list of objects and returns the list of detected objects to the radar, which in turn returns it as a result. The evaluation will be based on your ability to effectively demonstrate that your radar component is working, as well as its compliance with the above description, and the overall project description. Come prepared to the presentation. Construct various and appropriate test cases that will demonstrate that your code is effectively achieving its duty.

You have to proceed with a demonstration of your build. The procedure for the reservation of a time slot for your demonstration is available on the web page. The goal of the demonstration is to effectively demonstrate that you have an application that implements the radar feature as described above. The grading scheme of the demonstration is as follows:

Effectiveness and level of preparation of the demonstration	/2
Effective and complete demonstration that the radar is in fact working	/4
Compliance with the above mentioned design constraints	/4
Total	/10

2. Project Scope and Plan Document

You have to deliver this document following the template provided on the course web page. A detailed grading scheme and instructions are provided in the template.

3. Evaluation

As stated in the course outline, the code build (1) is worth 3% and the document (2) is worth 7%, for a total of 10% of the final numeric grade.