Concordia University
Department of Computer Science and Software Engineering
SOEN 341 — Software Process
Fall 2008 — Section H
Project Deliverable 3 Description

Third Incremental Code Build

You have to deliver and demonstrate some code that implements a third version for each of the three programs — Game Player, Game Advisor, and Game Generator — associated with Battleship Solitaire.

The Game Player must allow a user to play a game by asking both kinds of questions. The Game Advisor should give a hint as to whether to pick a square, row, or column (and which one) for the next question. The Game Generator must return a random game.

The third version integrates the three programs, and adds any additional features that you planned to add to each program. For example, the Game Player must have a graphical user interface keeping track of the questions asked, answers given, and the player's guess at the location of the ships. For example, the Game Advisor should implement more heuristics, if possible, such as determining the least number of questions to ask (and which questions) in order to deduce the answer. For example, the Game Generator should generate layouts of different difficulties to solve.

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 will be available on the web page. The goal of the demonstration is to effectively demonstrate that you have three programs 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 3 programs are in fact working	/4
Compliance with the above mentioned design constraints	/4
Total	/10

Project Testing and Delivery Document

You have to deliver this document following the template provided on the course web page (the Wiki web page, same as for Fall 2006). A detailed grading scheme and instructions are provided in the template.

Evaluation

As stated in the course outline, the code build (1) is worth 10% and the document (2) is worth 5%, for a total of 15% of the final numeric grade.

Asignment Submission

All project assignments are to be handed in using the ENCS Electronic Assignment Submission system. A link to this system is available on the course web page. On the day of your build demonstration, you have to submit a zip file containing your document (see section 2 above), as well as your source code for this build. It has to be submitted by midnight on the due date of the assignment.