

CS 425/625 Software Engineering

**Team Project Part 4:
Implementation, Integration and Testing**

November 26, 2006

Due: Demos on **Monday December 11** or **Tuesday December 12, 2006** (as per the schedule decided in class); Deliverables on **Wednesday, December 13, 2006** before 5:00 pm (by email)
Points: 100
Weight: 14% of the course grade

A Introduction

Your team of software engineers has completed the Concept, the Requirements Specification and the Design part of your project. Now, you have to complete the final part:

Part 4: Implementation, Integration, & Testing

B Deliverables of Part 3 of the Project

This final part of the project will involve both submitting the complete, commented source code of your software (by email, as a zipped file, before 5:00 pm, Wednesday December 13) and demonstrating your project to the instructor and grader on Monday December 11 or Tuesday December 12 (as scheduled in class on November 29). All the members of the team must be present at the demonstration. Deliverables:

B₁ Introduction and overview. The *introduction* document (between 300-600 words) should concisely indicate changes and additions, if any, of your project's specification and design. The *overview file* should provide a summary of your source code (see **B₂** below) in terms of program units and modules included in the source code. Both files should be submitted by email before 5:00 pm on Wednesday December 13, in a zip file that should also include the entire source code indicated next.

B₂ Source code. The entire, documented source code of your program should be submitted by email in the zip file mentioned above.

B₃ Test cases. These will be illustrated by demonstrating the functionality of your software to the instructor and the grader. At the time your demo is scheduled you should be prepared with the program "ready to run" and have a sequence of tests prepared. The instructor will try additional uses (tests) of the program and will ask you questions regarding the project.

C Grading of Part 3 of the Project

The final part of the project will be assessed using to the following criteria: completeness (roughly, this means implementation of highest level requirements), correctness, and robustness of the software; programming style used, including code documentation; quality of the user interface; and quality of the demonstration, including answers to questions.