

CS 426 / CPE 426 Senior Projects

Project Part IV: Implementation, Integration and Testing

April 24, 2006

Due: Wednesday, May 3, 2006 @ 11:00 am (by email)
Points: 100
Weight: 35% of the course grade

A Deliverables of Part IV of the Project

This final part of the project involves submitting the complete, commented source code of your software (by email, in a zip file, by May 3, at 11:00 am) and demonstrating your project to the instructor and TA on Tuesday May 2 and Wednesday May 3, 2006. All the members of the team should be present at the demonstration.

Deliverables:

- A₁** Introduction and overview. The *introduction file* should concisely indicate changes and additions, if any, of your project's specification and design (recommended maximum size: one page). The *overview file* should provide a summary of your source code (see **A₂** below) in terms of program units and modules (classes and packages) included in the source code. Both files should be submitted by email in a zip file (denoted TX, where X stands for your team number), a file that should also include the entire source code indicated next.
- A₂** *Source code*. The documented, original source code of your program should be submitted by email in the zip file mentioned above.
- A₃** *Test cases*. These will be illustrated by demonstrating the functionality of your software to the instructor and TA. 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 and TA will try additional uses (tests) of the program and will ask you questions regarding the project.

B Grading of Part IV of the Project

The final part of the project will be assessed using to the following criteria: completeness, correctness, complexity, utility (or "coolness" = innovative features), and robustness of the software; conformance with the requirements; programming style used, including code documentation; quality of the user interface; and quality of the demonstration, including organization, flow, and answers to questions. A checklist for demo preparation, summarizing the above, will be posted by the instructor on the course website by April 30.