CSCI 5/430 Project 1 Final Report.   **Due date: Thursday, March 7, in class.**

Group report. Turn in the following:

1. **An introduction.** A short description of what the software can do, and details of how to find it, compile it, run it, etc. This should be done for each of the three stages.

2. **Work sharing.** What percentage of the work was done by each group member? This should be a consensus figure. If there are disagreements indicate that in your individual report. Keep in mind that an unequal sharing will result in different scores for each group member.

3. Diagram showing the conceptual classes and their relationships.

4. Diagram showing the software classes and their relationships.

5. **Analysis and design report.** For a selection (if two use cases are very similar do not provide both; not more than 8 use cases; at least two done by each group member) of the use cases turn in the following:

   - Which group member authored the use case.
   - The original use case (submitted in February) with my comments.
   - The final use case (if modified after feedback)
   - The sequence diagram. Include a short write-up, listing the author name, explaining any problems that you encountered (including design choices) and how you resolved these.

6. **A write-up on each implementation class, except the collection classes.** The following questions need to be answered:

   - Which group member authored the class.
   - What is the purpose of this class?
   - At what stage was this class first included in the system (conceptual, software or implementation)?
   - How are instances of this class related to other classes in the system? This would involve three items: the conceptual relationship, the relationship in software, and the relationship in the implementation.
   - What are the data fields? What are the methods? For each non-trivial field/method write a 1-sentence description.

- Any other issues that came up during implementation.

Individual reports on the project. Each member of the group must write a report explaining their own experience and involvement with the project. The report should contain the following:

- *Your opinion of the project as a whole.* This includes how you felt about the entire experience of working on such a project: the nature of the problem, the process involved, the group work, what you feel you have learned, how confident you feel about the finished product and how you feel about having to work on such undertakings in the future.

- *Group dynamics.* List all the meeting dates that you group had planned, which ones you missed and why. Explain how you felt about the following issues: (i) Did the group work well as a team? (ii) Did all members share the workload in a fair manner? How would you share out the credit if you were given a free hand? (iii) Was there clear communication between the group members? List any mix-ups that happened and how such situations might be resolved in future. (iv) Look over your log of the group meetings; do you think they accurately reflect the manner in which the project went forward?

- *Any other comments that you would like to add.*