

**CEN 4010 – Software Engineering I, Fall 2007**  
**Project Deliverable #2 – The Software Design**

10 base points/ per member, due Oct. 24 (Friday)  
Team Presentation

**1. Introduction (3 %)**

Overall description of your system and assignment of responsibilities

**2. Architecture Design (10 %)**

- A. Describe your system architecture style
- B. Define system components and connectors (Package diagrams and/or Extended Class diagrams)

**3. Data & Function Design (30 %)**

- A. Find Additional Design Classes
- B. Refine Class Diagrams (Class Diagrams)
- C. Define Operations (Java / pseudo code)

**4. Control Design (30 %)**

- A. Develop state views of individual classes (Statechart diagrams)
- B. Develop interaction view of multiple classes (Sequence diagrams)

**5. User Interface Design (20 %)**

- A. Window
- B. Menu
- C. Dialogue box

**6. Validation (5 %)**

- A. Well-definedness of individual diagrams
- B. Consistency among the diagrams
- C. Completeness among the diagrams

**7. Activity Log (2 %)**

- A. Reading time
- B. Meeting time
- C. Project development time