

## CS461 Design Document Evaluation

Project \_\_\_\_\_

### Presentation:

**Clarity:** were the prepared materials adequate to communicate the design to the review audience?

**Questions handling:** were questions answered satisfactorily?

### Plan draft documentation:

- Cover Page (**title, project, team members, date**)?
- **Overview:**
  - Purpose – is the intended purpose, capability, and/or functionality of the system clearly stated in one paragraph?
- **Architecture – a top level decomposition of the system to be built**
  - Is the overall design paradigm(s) clearly stated?
    - Control model?
    - Architecture model?
  - Are use cases, sequence diagrams, collaboration diagrams, or other tools as appropriate used to show the interrelationship among components?
- **Interface – the external face of each system component**
  - Are class or component interfaces clearly defined?
    - Entry point/member-name
    - Parameters
    - Results
    - Context assumptions, if any (e.g., static external data...)
- **Components**
- **DataStructures – the contents of major parameter, result, persistent, and major internal component data elements**
  - Data-base schema
  - File layouts
  - Class data members
- **Algorithms – the major algorithms used to provide functionality named in the interface**
  - Pseudo-code or other algorithm description as appropriate
- **UI – user presentations (screens, reports)**
  - Screen layouts and report layouts as appropriate.

### Team participation:

Did all team members participate?