Team Project: Design Models

What to hand in:

- Due: 11:59PM March 16 (Tuesday lab) or March 18 (Thursday lab)
    - As a Team:
        - In the Documents Repository:
            - **DesignModels.pdf**
        - In the Meetings Repository:
            - the appropriate meetings document
    - Individually:
        - In the TimeSheets Repository:
            - updated **TimeSheets.txt**
        - In the Contributions Repository:
            - **DesignModels.txt** complete with your Contributions Documented
- A short team presentation (10 minutes) will take place in lab on March 17 (Tuesday Lab) or March 19 (Thursday lab)

Design Document

Document Overview
A short (2-3 paragraph) description of the contents of the document.

Project Update
Provide an update on the current state of the project, including:

- any changes made to the planned product, features, or interface
    - the reason for any changes

Project Plan Update
Provide an update on the project plan:

- note any key changes
    - new or expanded tasks
    - task assignments
    - task completions
- an update version of the software development plan
    - the chart or table create as part of the Project Plan

Risk Update
Provide an update on the risk management plan, noting any key changes

- risks added/removed
- updates on risk probabilities
- etc.

Requirements Update
Provide an update on the project requirements, noting any key changes to

- requirements
- use cases and scenarios

- feature set
- testing plan

Process Model Update
Provide an update on the process model, noting any key changes to
- context diagram
- data flow diagram

Data Model Update
Provide an update on the process model, noting any key changes to
- ER Diagram
- Descriptions of components of ER Diagram
- Physical representation of the data

Class Diagram
Working from your Analysis Models, produce a Design Class Diagram that covers all Objects in the system, including their:
- attributes
- methods
- navigation visibility
- all controller classes

Data Schema
Working from you Analysis Models, produce a data schema, including:
- All tables
- Types and constraints of all data
- Primary and foreign keys

Architectural Design
Describe the preliminary design of your product, including:
- overview of the system design
- description of the network model (client-server, peer-to-peer, …)
- preliminary translation from logical process model to physical model
    - outline your system and subsystems
    - delineate what is done in hardware, software, manually
- description of final chosen:
    - platform(s)
    - language(s)
    - tools
- discussion of all relevant security and reliability issues

Team Presentation
In lab, each team will give a brief presentation (10 minutes) summarizing the information in the document described above.

Evaluation Criteria

This assignment is worth 10% of the overall project mark. Your mark will be based on the group's contribution, weighted based on your peer-evaluated contributions to this deliverable.

System Design Document [/4]

- submitted on time
- completeness

Team Presentation [/2]

Total Mark: [/6]