

## *ECE 356 Project*

### *Project Responsibilities*

This document defines project responsibilities for the database-systems team project so as to ensure that all team members are clearly identifiable as responsible for some particular aspect, while the team as a whole is responsible for the project as a whole.

### *Team Responsibilities*

The team as a whole is collectively responsible for the delivery of the whole project. In particular, the team as a whole should be doing the overall entity-relationship design together and should collectively understand that design.

All documentation is the collective responsibility of the team, and should read as a coherent whole for written documents and should be viewable as a coherent whole for the video presentation.

All cross-function testing, including system testing, is the collective responsibility of the team.

### *Individual Responsibilities*

To ensure that each team member is specifically responsible for something, the team must collectively designate one person to be the lead person for:

1. the SQL code for the relational schema, including all code necessary for creating tables, views, constraints, *etc.* Said person is also responsible for all code necessary to load data into the database, including all code necessary to deal with any errors and inconsistencies, and any testing code for this schema.
2. the client application, including all code necessary for the client to be compiled and executed, as well as all testcase code for said application.
3. the data-mining code, including all code necessary to implement the chosen data-mining technique, all code necessary to apply said technique to build a data model, all code necessary to validate (or otherwise) the data model, and all testcase code necessary to ensure that the data-mining system is functioning correctly.

First, note that this is *NOT* about who writes what code. This is about who is *RESPONSIBLE* for ensuring that the code is written (*i.e.* who is team lead for that particular aspect of the project).

Second, note that except in unusual circumstances, the grade that you receive for the project component of the course will be identical for all team members. Only if there is an explicit dispute within the team that is brought to the attention of the instruction team will we vary from this practice.

With over 50 teams in this course it would not be surprising to have one or two dysfunctional teams. In such cases, I may have to assign grades to students in a team-project scenario where one student has done the vast majority of the work, or one student has done very little work.

The primary purpose of defining individual responsibilities is not to award different grades to different members of the team, but rather to ensure that each team member has the opportunity to be clearly responsible for some aspect of the project.