This is the first part of the course project. The goal of the project is to develop an application that utilizes (is built on top of) a database. For this part of the project, you are primarily forming a group and together creating a project proposal. During the rest of the semester there will be a set of deliverables for your project. These will consist of: a conceptual model of your database, a database schema (generated from your conceptual model), a list of queries that you will use for your application, a final report, and a project presentation.

**Instructions:** As part of your project proposal, you should do the following.

- Form a **group** (3 or 4 people). There should be 3 groups total for the class.

- Select a general topic, or **theme** for your database application (e.g., what type of information are you going to be storing as part of your application). Note that the database you develop should be non-trivial (i.e., contain a fair number of tables), but of a size you can reasonably implement in the remainder of the semester.

- Determine the basic **operations** your application will support. That is, at a high level, what types of things will users be able to do using your application.

- Determine how a user will **interact** with the application. Your application should have some form of “intuitive” user interface. Also think about how you are going to implement your interfaces, e.g., as a set of web forms, as a Java UI, etc.

- Select the **technology** you plan on using to implement your application. This should include the DBMS are you going to use, where it will be installed/located, what programming language(s) are you going to use to write your applications, etc.

- Pick a group **name**.

Create a 1–2 page description of your proposal addressing the above points. Your proposal should be written using complete English sentences. Turn in a single document for your group at the beginning of class on Thursday, September 24 (i.e., each group should hand in a single 1–2 page document). Be sure your document contains the names of each member of your group. Note that it is OK if your project changes during the semester (e.g., you may decide to use a different implementation language, scale back on the scope of the application, etc.). The purpose of the proposal is to get an early start on the project as well as early feedback.