ITEC 3200 Introduction to Database Team Project

The goal of the class project is to implement a database system application. The project includes the following activities spread over the rest of the semester:

* Identify an application area for which database systems may prove beneficial,
* Determine the functionalities of the database application,
* Model the data stored in the database (Identify the entities, roles, relationships, constraints, etc.),
* Design, normalize, and perfect the relational database schema,
* Write the SQL commands to create the database, populate the database with sample (imaginary but appropriate) data. Write sample queries for your database.

The end result should be a fully functional database application running in MS SQL Server or MySQL.

A group of 1-2 student(s), preferably 2, should do each project. You are free to choose your own project member; if you would like the instructor to assign you a team member, inform the instructor as soon as possible. Each of the steps above will be a specific project assignment. You will get detailed instructions with each assignment. Each team should turn in a single solution to each assignment.

A few sample topics are provided below to choose from. You are free to choose a different topic not mentioned here.

* Bookstore
* Bank
* Library
* Patient management system
* Online travel agency
* Online ticket sale (concerts)
* Computer Store