**Project Title:** Designing a Comprehensive Database System

**Objective:** The purpose of this project is to allow students to act as database designers and develop a comprehensive database system for a specific mini world. Students will define the entities, attributes, and relationships of the database, identify the target users, and outline the purpose of the database system.

**Project Scope:** Students will conceptualize and design a database system using the relational data model and MSSQL as the DBMS. The system should be complex enough to present real-world challenges but manageable to complete within the semester timeframe. The database should include a minimum of 13 entities, along with their attributes and relationships.

**Requirements:**

1. Define the Mini-World: Describe the context or domain in which the database system will operate. Provide background information to help understand the scope and purpose of the database.
2. Entities, Attributes, and Relationships: Identify at least 13 entities, along with their attributes and relationships.
3. Target Users: Determine the users of the database system, including different classes of users such as casual, naive, sophisticated, standalone users, system analysts, application programmers, and database administrators.
4. Purpose of the Database: Explain the main objectives and functionalities of the database system. Describe the problems it aims to solve and how it will benefit the users and the organization.

**Deliverables:**

1. Project Proposal Document: A detailed document outlining the project scope, objectives, and requirements (high level, we will enumerate these in more detail in the coming weeks).

**Evaluation Criteria:**

1. Completeness and Complexity of the Database Design: The database should be sufficiently complex and comprehensive, demonstrating a thorough understanding of the mini world.
2. Alignment with Project Objectives: The proposed database design should align with the stated objectives and purpose of the project.

**Submission Guidelines:**

* The project proposal document should be submitted electronically by the specified deadline on Canvas.
* Late submissions may incur penalties unless prior arrangements have been made with the instructor (see Syllabus).

**Note:**

* Students are encouraged to explore various domains and industries to identify potential mini worlds for their database design project.
* Collaboration among students is allowed but each student must submit their own individual project proposal.