**Project Plan**

**Tasks and Timeline:**

1. **Requirements Gathering (1 week)**
   * Define user requirements and system functionality.
2. **Database Design (1 Day)**
   * Develop the UML class diagram.
   * Design database schema.
3. **Prototype Design (2 weeks)**
   * Create wireframes for the GUI.
   * Develop front-end prototypes using .NET Core (MVC) and connecting it to my database (MySQL).
4. **Documentation (1 week)**
   * Compile project documentation, including the design rationale, UML diagram, and project plan.
5. **Version Control (Ongoing)**
   * Regularly commit and push changes to GitHub with descriptive commit messages.

**Milestones:**

* Completion of database design and UML diagram.
* Finalized GUI prototype with key features.
* Submission of documentation and project plan.