Library Management System Project

Vision Statement

The Library Management System will help the library organize books and members, make borrowing and returning items easier, and keep track of everything simply. It will make work faster for staff and make it easier for clients to use the library.

Scope Statement

The project will include:

- Keeping track of books, digital media, and magazines
- Managing member accounts
- Borrowing, returning, and reserving items
- Setting rules for borrowing and late fees
- Reminding people about due dates and reservations
- Making reports about borrowing, fines, and library use
- Two simple interfaces: one for staff, one for clients

The project will not include connecting to other library systems or making a mobile app.

Team Organization and Profiles

Team Name: Database Team

Team Members:

1. **James Hanselman(Team Adminstrator)**

   - Email: jameshanselmaniv@ku.edu
   - Availability: MW 12AM-1PM 2PM-3PM, TT 1PM-2PM, 3PM-4PM, F 2PM-3PM
   - Platform Experience: Linux, MacOS, Windows, Docker, AWS
   - Programming: TypeScript, Rust, Python, C++, C#, Tsx/Html/CSS
   - Role: Project coordination

2. **Chloe Tran**

   - Email: n518t893@ku.edu

- Availability: M 11AM–1PM, WF 2PM–3PM, 4PM–6PM
- Platform Experience: Windows, Linux
- Programming: C#, C++, Python, Java
- Role: QA

3. **Lilly Kounkel**

- Email: l739k417@ku.edu
- Availability: MTWR 10AM–1PM, F 3PM – 6PM
- Platform Experience: Windows, Linux, MacOS
- Programming: C#, C, Python, Java, Ruby, SQL
- Role: Testing Manager

4. **Edbert Jensen**

- Email: edbert.jensen@ku.edu
- Availability: MW 12:00 – 1 PM, TuTh 2–5 PM, F
- Platform Experience: Windows, Linux
- Programming: C, Python, JS/HTML/CSS,
- Role: Database Engineer

5. **Connor Williamson**

- Email: connor.williamson@ku.edu
- Availability: MWF 11AM–1PM, 2PM – 3PM, 5PM – 6PM
- Platform Experience: Windows, Linux, MacOS
- Programming: Python, C, C++, JS/HTML/CSS
- Role: Database Implementation

6. **Jay Chung**

- Email: j678c030@ku.edu
- Availability: MWF 12:00 – 1PM, TuTh 3 – 5PM
- Platform Experience: Windows, Linux
- Programming: Python, Java, C
- Role: Database Implementation (SQL Developer)

Meeting Details:

- Weekly meetings: Wednesdays 12pm–1pm
- Task allocation: Managed via GitHub issues and meeting log
- Repository management: All project files, documentation, and logs will be maintained in the team GitHub repository.