

FINAL VISION STATEMENT:

Vision Statement [5 points]: Explain why you are developing the library database product.

The purpose of this Library Database is to help a small library keep track of all books that are in inventory. This includes being able to see what books have been checked out, need to be returned, are late, are reserved, how long the books were loaned out for, etc. This will help manage the inventory to avoid any issues with members not returning books in time.

Our goal is to create and use a complete relational database system that makes library operations more efficient, accurate, and easy to access. This system will make it easier to organize a large collection of books, digital media, and magazines. It will also keep track of membership types, borrowing activity, and financial transactions like late fees.

FINAL SCOPE STATEMENT:

Scope Statement [5 points]: Define the scope of the project, indicating what will be included.

The purpose of a Library Management System is to make a useful, scalable, and educational tool that works like a real library. As part of the project, we will be able to work directly with all aspects of database development, from conceptual modeling to logical design to physical implementation. We will also add ways to make sure that borrowing rules are followed and useful reports will be made to help with operational decisions, collection growth, and member participation. At the end of the day, this project will be both a useful way to learn and show how well-designed database systems can help solve difficult information management issues.

Scope Statement Notes:

Book identification, Membership management, lend/reserve books, generate reports, book availability, fee management.

Team Organization and Profiles:

- ❖ Team Name: Query & The Librarians
- ❖ Roles:
 - Team Administrator - Jaiden
 - Team Co-ordinator, sets up meetings and leads the project.
 - Notekeeper - Eric
 - Keeps logs of meetings, ensuring that the start and end times as well as tasks allocated during and after the meeting are recorded to keep things clear and organized throughout the project's timeline. Takes notes during

brainstorming sessions to make sure all ideas are considered and are able to be referred back to if necessary.

- File Manager - Amrit
 - Oversees Github and Google Drive, ensures the organization and readability of the files included within. Ensures proper documentation in Github pushes.
- Coding Manager - Luis
 - Oversees the development of the library database. Ensures coding tasks are organized and code is consistent and reliable. As well as making sure there is proper documentation and commenting on the code.
- Quality Assurance - Shero
 - Debugs code, helps the Coding Manager maintain the code to a standard.

❖ Profiles:

- Shero Baig:
 - Name: Shero
 - Contact Information: sherobaig@gmail.com/913-907-5247
 - Availability: Monday and Friday: 2:00-4:00pm and in the evening.
Tuesday and Thursday: 11:00am-2:00pm and in the evening.
Wednesday: 2pm-5pm.
 - Computing Platform Experience: Windows, MacOS, Linux
 - Programming Language Knowledge: Python, C, C++
- Luis Belmontes:
 - Contact: luis2belmontes@gmail.com - 913-237-4851
 - Availability: in sheets
 - Computing Platform Experience: MacOS, Windows, Linux
 - Programming Language Knowledge: Python, C, C++, Java
- Jaiden Green
 - Contact info: jaiden.green@hotmail.com (913)-530-3977
 - Availability: in sheets
 - Computing Platform Experience: Windows, Mac, Linux
 - Programming Language Knowledge: Python, C++, C, HTML5, CSS, Javascript, MySQL, Markdown
- Eric Faltermeier
 - Contact Information:
 - Email - faltermeiereric@gmail.com
 - Phone number (913) 280-9164
 - Availability: in sheets
 - Computing Platform Experience: Windows and Mac
 - Programming Language Knowledge: Python, C++, C#, Java, Javascript, HTML5
- Amrit Sian:
 - Contact Information:
 - Email - sianamr04@gmail.com
 - Phone number (505) 639-1944

- Availability: in sheets
- Computing Platform Experience: Windows and Mac
- Programming Language Knowledge: Python, C#, Java, Javascript, HTML5/CSS, SQL

Project Meeting Log:

[EECS 447 Meeting Log 8/28/2025](#)

[EECS 447 Meeting Log 9/7/2025](#)