

Daniel Neugent, Mariam Oraby, Jake Bernard, Jacob Fonyi, Tanner Gurley

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

Our vision is to model the Lawrence Public Library as it transitions into the digital era. Libraries today are more than just collections of books—they provide access to movies, DVDs, technology, and public computers. To support this evolving role, we are developing a database that can efficiently track resources, monitor computer usage, and manage technology inventory, while also serving the needs of patrons and staff. By creating this system, we aim to capture the modern library experience and demonstrate how database technology can empower libraries to adapt, grow, and better serve their communities.

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

The scope of this project is to design and implement a database that supports the core functions of a modern library. The system will include records of books, movies, DVDs, and CDs, as well as an inventory of new equipment such as desktop computers. It will track daily computer logins to monitor technology usage and maintain library accounts for all registered members. This database will provide librarians with accurate and organized information to support resource management and enhance the overall library experience.

Team Organization and Profiles [5 points]. Choose an attractive name for your team. Define the team organization and team member profiles. Assign roles for the team members (for example, one team member may be responsible for the contents of the team meeting log page). Designate one member as the team administrator. The team administrator will be the primary contact/interface for the project. Team member profiles should include: names, contact information, availability, computing platform experience, and programming language knowledge. Adding photos is recommended for future reference.

Team Name: QueryReaders

Daniel Neugent: Team Administrator

Phone Number: 913-449-8077

Email: danielneugent@ku.edu

Experience: Knowledge of Python, JavaScript, Java. ~10 years of development experience

Mariam Oraby: Quality Assurance and Testing

Phone Number: (785) 840-5342

Email: mariamoraby@ku.edu

Experience: Knowledge of Python, C, Developed a database for a calendar app I built with my team for our capstone project.

Jake Bernard: Front End

Phone Number: 785-221-0049

Email: jakebernard@ku.edu

Experience: Python, C, C++, C# & .NET Blazor, JavaScript, HTML, CSS, ChuckK

Jacob Fonyi: Back End

Phone Number: 845-675-2304

Email: jfonyi@ku.edu

Experience: Python, C, C++, JavaScript, HTML, CSS, SQL, VHDL.

Tanner Gurley: Team Meeting Logs and Integration

Phone Number: 913-634-8700

Email: tgurley1@ku.edu

Experience: Python, C, C++, MicroPython, VHDL. Designed and built a bread board integrated with an adjustable power supply and GUI that displays real-time electrical data from any desired nodes on the board.

Project Meeting Log [20 points]:

Meeting Date: Tuesday, August 26th

Meeting Time: 4:00 PM to 4:30 PM

Meeting Location: Virtual and in ERC Lobby

Objectives:

- Introducing Team Members and Experience
- Completing Project Artifact 1
- Introducing Project Artifact 2

Team Members:

Daniel Neugent – Present

- Tasks/Roles Assigned: Project Manager/Lead & Backend

Tanner Gurley – Present

- Tasks/Roles Assigned: Team Meeting Logs & Integration

Mariam Oraby – Present

- Tasks/Roles Assigned: Quality Assurance & Testing

Jake Bernard – Present

- Tasks/Roles Assigned: Front End

Jacob Fonyi – Present

- Tasks/Roles Assigned: Backend

Github Link: <https://github.com/l33tdaniel/databases-447-queryreaders>

Meeting Notes:

- Domain Info – Moving away from a more traditional Library model provided by project docs to a more modern model including digital media; movies, online media, library desktop usage statistics etc.
- Group Name : QueryReaders
- Assigned roles for each individual team member
- Created GitHub Repo