

Team Name: DataVerse

Vision Statement:

We are developing the library database product to create an easy, efficient, user-friendly platform for managing book inventory, tracking checkouts and returns, and administering user access to library resources. It will be designed to improve organization and simplify library operations, as well as enhancing user experience by easily providing information such as book availability, due dates, and user activity.

Scope Statement:

Using a MySQL-based relational database, we are able to organize and categorize each book and digital media item by different attributes such as title, author or creator, ISBN, etc. We are able to use it for clients in the database using unique ID, name, contact information, membership type, and account status. We are also using a user-friendly interface for library staff and for clients as well. The UI will consist of searching for items, reserving, for the client side, while for the staff side being able to track transactions between customers and the status for the items.

Team Organization and Profiles:



Name: Nora Manolescu

Role: Team Administrator

Contact: n559m268@ku.edu, 425-777-1204

Availability: M: after 5 pm, TuTh: before 11 am, after 6 pm, W: before 11 am, after 5 pm, F: before 11 am, after 3 pm, Sat/Sun: by appointment (most of the day)

Computing Platform Experience: Visual Studio Code, JupyterLab, GitHub

Programming Languages: Python, JavaScript, C/C++, R, HTML



Name: Kaitlyn Clements

Role: Logger

Contact: kclements@ku.edu, 224-307-0928

Availability: M: before 11am & after 5pm, T/TH: before 11am & after 2:15pm, W: before 11am & after 1pm, F: before 11am, Sun: Most of day

Computing Platform Experience: Linux, Windows, Mac, VS Code, GitHub, JupyterLab

Programming Languages: Python, React, C/C++, HTML, JavaScript



Name: Sam Muehlebach

Role: Database Designer

Contact: sam.muehlebach@ku.edu, 913-553-1403

Availability: M: before 11am, anytime after 5pm. T: before 11am, any time after 2:15. W: Before 11am, any time after 3pm. Th: Anytime before 11am. Sun: Most of day

Computing Platform Experience: Linux, Windows, Mac, GitHub, Jupyter Lab, Visual Studio Code

Programming Languages: Python, C/C++, JavaScript, HTML, Haskell



Name: Kyler Luong

Role: Database Designer

Contact: k4811988@ku.edu, 913-375-0168

Availability: M: anytime after 5pm, T: after 3 pm W: after 4pm Th: after 9:30pm F: 11am - 1:30 pm, anytime after 4, Weekend available anytime

Computing Platform Experience: Linux, Windows, Visual Studio Code

Programming Languages: Python, C/C++, HTML, Javascript



Name: Ben Stonestreet

Role: Database Designer

Contact: b425s231@ku.edu 913-240-445

Availability: S: After 6 PM, M: Anytime, T: After 6 PM, W: Anytime, T: After 6 PM, F: Anytime S: After 6 PM

Computing Platform Experience: Linux, windows, git, github, VS Code

Programming Languages: Python, C, C++, JS, GoLang

Project Meeting Log:

Date: April 15th, 2025

Time: 12:15pm

Location: LEEP2 2nd floor

Objective: Assign tasks to team members to complete the Physical Design and Data Population.

Team Members Present:

- 1) Kaitlyn Clements
- 2) Sam Muehlebach
- 3) Nora Manolescu
- 4) Ben Stonestreet
- 5) Kyler Luong

Task Completion Confirmation:

- Kaitlyn: Log meeting minutes, worked on physical and data population design doc, researched mysql cloud hosts, created DB hosted on railway (no longer using railway), tested queries in beekeeper, created tables with attributes and foreign keys relating tables, populated tables (completed)
- Sam: worked on physical and data population design doc, researched mysql cloud hosts, tested queries in beekeeper, populated tables (completed)
- Nora: worked on physical and data population design doc, researched mysql cloud hosts (completed)
- Ben: worked on physical and data population design doc, researched mysql cloud hosts, tested queries in beekeeper (completed)
- Kyler: worked on physical and data population design doc, researched mysql cloud hosts, tested queries in beekeeper, populated tables (completed)

Tasks Allocated:

- Kaitlyn:
 - Review/Work on physical design and data population doc.
- Sam:
 - Review/Work on physical design and data population doc.
- Nora:

- Review/Work on physical design and data population doc.
- Ben:
 - Review/Work on physical design and data population doc.
- Kyler:
 - Review/Work on physical design and data population doc.

Follow-Up Actions:

Schedule next meeting for Tuesday April 29th, 2025, at 12:15pm (tentative) at LEEP2 or Virtual if needed to review and finalize the domain modeling and requirements engineering and discuss next steps. The next due date is May 4th, 2025.