

Project Vision/Plan

The DataBasers™

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1. Project Vision

1.1 Vision Statement

To expand the reach of human knowledge to all.

1.2 Scope Statement

The scope of this project is to design and implement a database for a public library. Deliverables will include a Project Plan, Requirements Specification, Conceptual Model, Logical Relational Model, and Physical Implementation in SQL. The project will culminate in a full demonstration.

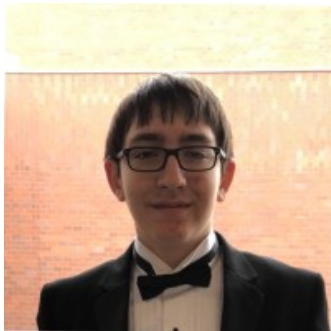
2. Team Organization and Profiles

2.1 Team Name

EECS 447 Team 22 will be referred to as The DataBasers™.

2.2 Team Member Profiles

Team Administrator: Josh Welicky



Contact Information: joshuawelicky@ku.edu

Availability:

Monday: 12:00 - 2:30 PM, 5:00 PM - End of day

Tuesday: 11:00 AM - 1:00 PM, 6:00 PM - End of day

Wednesday: 12:00 - 2:30 PM, 5:00 - 6:00 PM

Thursday: 11:00 AM - 1:00 PM, 6:00 PM - End of day

Friday: 12:00 - 2:30 PM, 5:00 PM - End of day

Saturday: All day

Computing Platform Experience: Windows, Linux, Shell(Bash), GitHub, VMware, Keil uVision5, VSCode

Programming Language Knowledge: Python, C, C++, HTML, JavaScript, HTML, VHDL, PHP, CSS.

Responsibilities:

- Conduct and manage all weekly team meetings.
- Record all meeting details in the meeting logs.
- Manage all communication with the Professor and Teaching Assistants.
- Assist the division of work throughout the project alongside specific phase leads.
- Ensure all deliverables meet project submission criteria.
- Submit all project deliverables on behalf of the team.
- Plan and execute the project demonstration.
- Contribute to all project deliverables.

Conceptual Design Lead: Aiham Alhmoud



Contact Information: aiham@ku.edu

Availability:

- Monday: 5:00 PM - End of day
- Tuesday: 7:30 PM - End of day
- Wednesday: 9:00 - 11:00 AM, 5:00 PM - End of day
- Thursday: 4 PM - End of day
- Friday: 9 AM - 11 AM, 5 PM - End of day
- Saturday: All day
- Sunday: All day

Computing Platform Experience: Github, Linux, Unix, Windows

Programming Language Knowledge: Python, C/C++, JavaScript, HTML, Racket, MATLAB, TypeScript, Bash

Responsibilities:

- Lead the creation of the conceptual model of the project.
- Directly manage the creation, sharing, and storage of the ER diagram.
- Verify the conceptual model is adequately reflected by subsequent deliverables.
- Contribute to all project deliverables.

Implementation Lead: Nayyir Ahmed

Contact Information: nmahmed@ku.edu

Availability:

Monday: 2:00 PM - End of day

Tuesday: 3:00 - 4:00 PM, 5:00 PM - End of day

Wednesday: 2:30 PM - End of day

Thursday: 3:00 - 4:00 PM, 5:00 PM - End of day

Friday: 12:00 PM - End of day

Saturday: All day

Sunday: All day

Computing Platform Experience: Windows, Linux, Github, VSCode,

Programming Language Knowledge: Python, C/C++, JavaScript, TypeScript, React, HTML, SQL

Responsibilities:

Serve as the main database creator and administrator.

Ensure implementation follows the conceptual and logical relational models.

Divide the implementation workload among the other team members.

Contribute to all project deliverables.

Logical Relational Modeling Lead: Ashley Aldave

Contact Information: ashley.aldave@icloud.com

Availability:

Monday: 2:00 PM - End of day

Tuesday: 5:00 PM - End of day

Wednesday: 2:00 PM - End of day

Thursday: 4:00 - 6:00 PM; 9:00 - End of day

Friday: 12:00 PM - End of day

Saturday: All day

Sunday: 4:00 - End of day

Computing Platform Experience: Windows, Linux, Github, VSCode

Programming Language Knowledge: Python, C/C++, JavaScript, TypeScript, React, HTML, SQL

Responsibilities:

Lead the creation of the logical relational model.

Directly create and manage the documentation for the logical relational model.
Verify that the implementation adequately represents the logical relational model.
Contribute to all project deliverables.

Requirements Engineer: Dylan Davis



Contact Information: dylan.a.davis@ku.edu

Availability:

Monday: After 3:30 PM
Tuesday: After 4 PM
Wednesday: After 1:30 PM
Thursday: After 4 PM
Friday: After 12 PM
Weekend: Message me!

Computing Platform Experience: Linux, Command Prompt, git, etc.

Programming Language Knowledge: Python, C/C++, JavaScript, HTML, SQL, etc.

Responsibilities:

Lead discussions to identify functional and non-functional requirements.
Directly assist in the management of the database requirements specification.
Verify project requirements are addressed in every subsequent deliverable.
Contribute to all project deliverables.

2.3 Team Meetings

The DataBasers™ will meet weekly every Wednesday at 5:00 via Discord. Important details of every meeting will be recorded in a designated meeting log, which is further described in Section 3.2.

3. Project Organization

3.1 Github Repository

All project deliverables will be stored in a GitHub repository, which can be accessed through the following link: <https://github.com/j776w781/EECS-447-Project>.

3.2 Meeting Logs

The details of every weekly meeting for the duration of this project will be recorded in the file “Meeting_Logs.md”, which can be found in the project repository as described in Section 3.1.