

Vision Statement: We are developing this brand new library database in order to facilitate storage, management, and control of a broad set of library resources. Given the many moving parts involved with library management, an easy to use and detailed database will be critical to manage books and other resources that are being loaned and used by a variety of customers.

Scope Statement: The project will consist of databases containing books and all of their attributes, book renters and their attributes, and borrowed items and their attributes. The project will be broken down into 6 separate two week sprints:

Sprint 1: Defining Project Vision
Sprint 2: Defining Database Requirements
Sprint 3: Design Conceptual Model
Sprint 4: Design Logical Relation Model
Sprint 5: Design Physical Database
Final Sprint: Project Demonstration

Files pertaining to each sprint will be posted and updated in the Github this document was accessed through. The responsibilities and assignment for each team member is defined in the Team Organization and Profiles section below.

Team Organization and Profiles:

—Team Name: The Brotherhood of SQL

—Team:

—Team Administrator/Leader: Minh Vu.

—Email: minhvu@ku.edu

—Availability: M-W-F: after 3pm; T-R: after 8pm

—Computing Platform Experience: Mac, Windows, Linux

—Programming Language Experience: Python, R, Matlab, C/C++, little bit SQL

—Team Scribe/Note Taker: Richard Moser.

—Email: moserrj@ku.edu

—Availability: Weekdays after 5PM

—Computing Platform Experience: Windows, Linux, Linux computing clusters

—Programming Language Experience: C/C++, C#, Python

—Developer: Derek Norton.

—Email: d504n925@ku.edu

—Availability: M: 8:00-11:00 & 2:00-9:00, Tues: 4:30-9:00, W: 8:00 - 11:00,
Thurs: Unavailable, F: 8:00 - 3:00

—Computing Platform Experience: Windows

—Programming Language Experience:

—Developer: Chanu Lee.

—Email: chanulee@ku.edu

—Availability: M-W: After 5 PM; T-Th: After 3 PM; F: After 12 PM

—Computing Platform Experience: Windows, Linux

—Programming Language Experience: Python, C/C++, Javascript

- Developer: Ethan Doughty.
 - Email: e073d959@ku.edu
 - Availability: Weekdays after 6pm
 - Computing Platform Experience: Windows/Linux
 - Programming Language Experience: Python, C/C++
- Developer: Jacob Wilkus.
 - Email: jwilkus1@gmail.com
 - Availability: T-W-Th. 11AM-1PM. 3PM-5PM.
 - Computing Platform Experience: Microsoft Windows, Ubuntu
 - Programming Language Experience: C#, C++, Python, Java