EnrollHub

Team MAAD

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What and Why

- A website application that allows user type student ID and send a query that will bring the classes enrolled in by the student in a specific semester and all the class info such as schedule and the teacher and more etc..
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- Our goal is to provide a streamlined and user friendly website so that users can have a good experience using our product
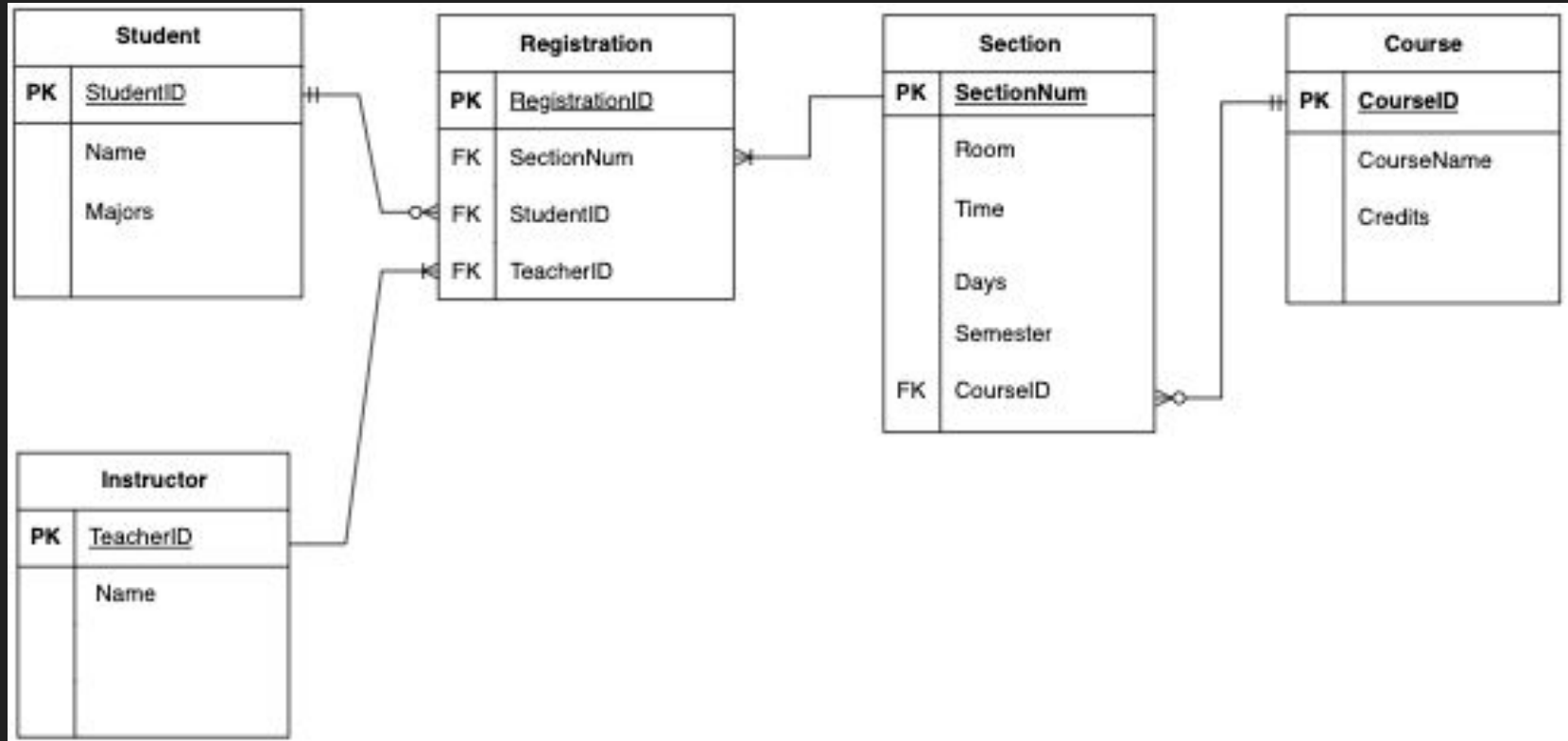
How and the Journey Map

Account types:

- guest (not signed in/view only)
    - In order to access the website, they must sign in or create an account
- User (ability to get Students' enrollment, classes info, teachers etc..)
    - Must be signed in and authenticated
- admin (ability to control, update, add, remove, and/or swap courses for every student in the database)
    - Limited amount of users that have these capabilities
    - Serves as the registrar

How and the Journey Map (cont.)

Login/create account page → either enter login credentials or enter information such as name, sex, DOB, email address, and major (user is automatically assigned a random ID) → search for specific course ID and do any of the available actions or view current schedule → …

Relational Data Model

The Stack

MySQL:

Description: MySQL is a popular open-source relational database management system.

Role: Used to store and manage the data for the student enrollment application,

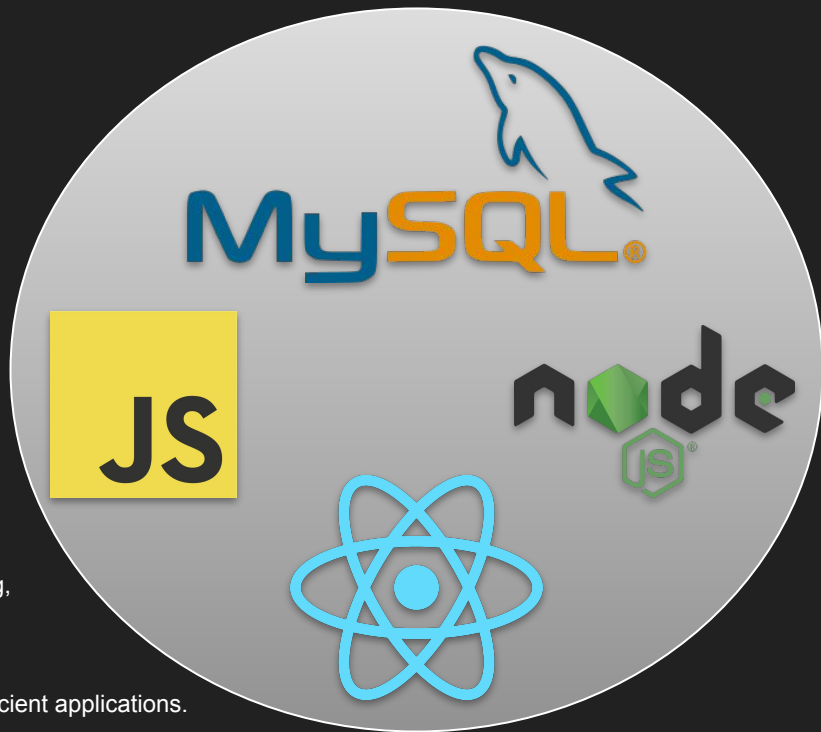including tables for students, courses, professors, and enrollments.

Benefits: Offers reliability, scalability, and ease of use for handling complex queries and

large datasets.

Node.js:

Description: Node.js is a JavaScript runtime built on Chrome's V8 JavaScript engine.

Role: Handles the server-side logic of the application, including API endpoints for creating,

reading, updating, and deleting (CRUD) operations on the database.

Benefits: Provides a non-blocking, event-driven architecture suitable for scalable and efficient applications.

Member Roles

Project Manager

Frontend Developer: Melvin Sierra

Backend Developer: Alexandr Voronovich

Database Administrator (DBA) Aboubacar Sidik Diakite

Quality Assurance (QA) Engineer