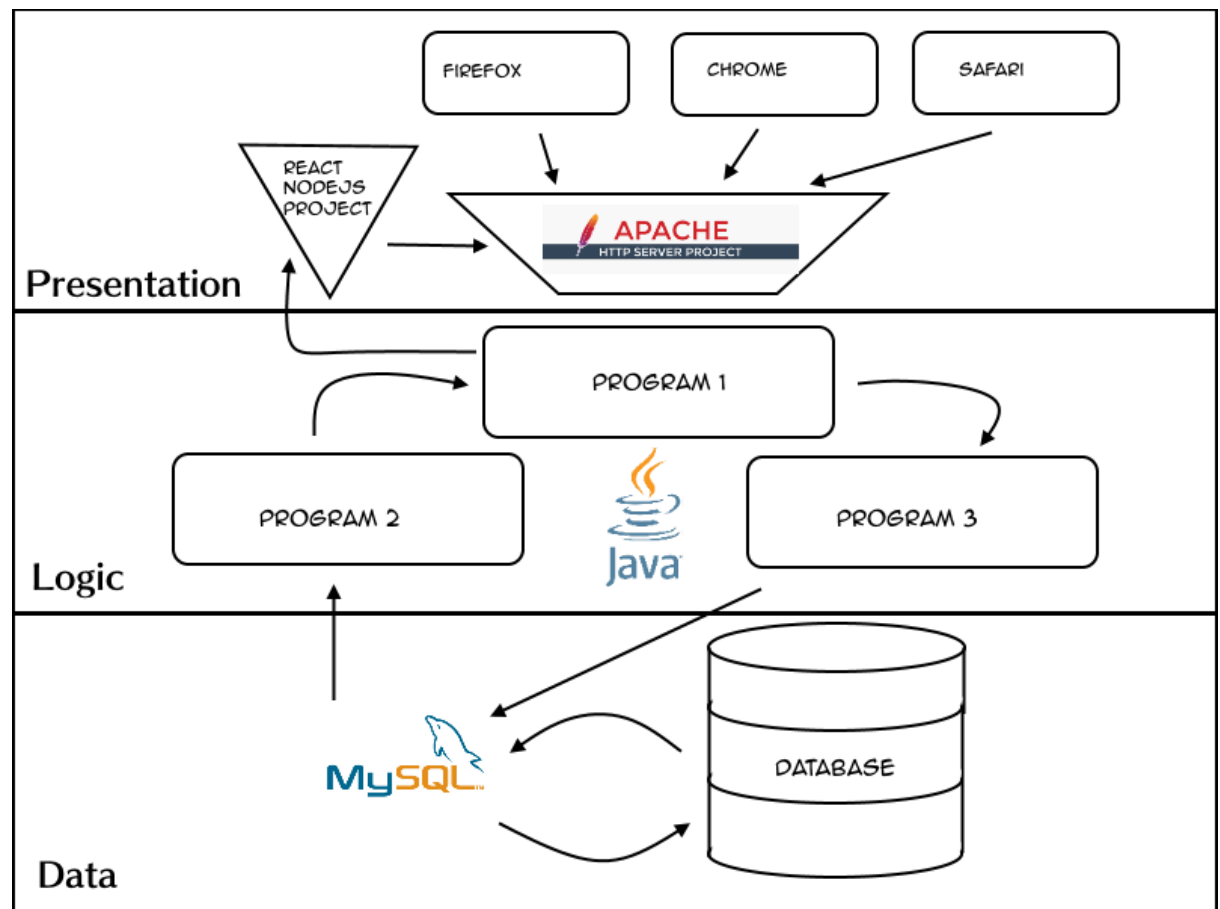**System Environment**

- A Structure Diagram of the system (graph/diagram based on 3-tier architecture)

  ○ Hardware: It should ideally be able to run on three separate machines and still all connect fine, but for the sake of the project we'll be hosting it all on one computer.

  Software: Any web browser should be able to access the front end. We'll be using Apache for the server and MySQL for the database management system.

  ○ RDBMS used: MySQL

  ○ Programming/Application languages used: React/Javascript (+HTML, CSS) for front end, Java for backend, SQL for RDBMS

Nonfunctional Issues

- GUI done in React using HTML and CSS.

  The application will be easy to use, and has a user-friendly interface which is simple and

  clear.

- Security and account access control can be done with cookie based authentication.