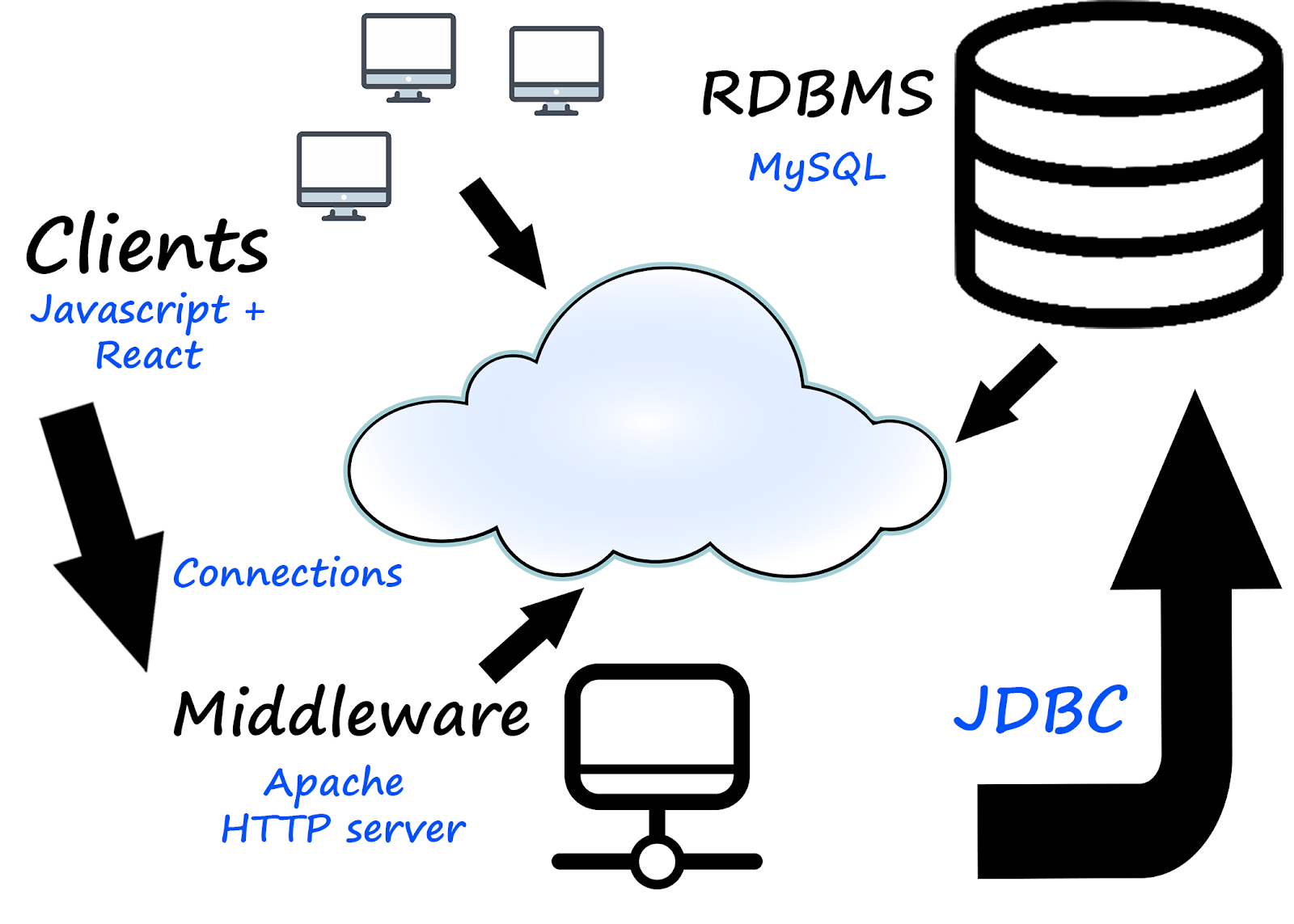
**Project Overview**Description

The three-tier database application we will be building is a library management system. The system will perform all fundamental features that a library will need in daily operation. These actions include operations such as issuing library cards, searching for books, checking books in and out, and placing holds. It will also include extra privileges for library staff, such as managing accounts, adding and removing books, and paying fines. The organization that oversees the library will be able to request general analytics and telemetry from the librarians. We as the developers will be designing and implementing the project, making sure all development goals are met. The system will be a web-accessible login-based application and maintain a user interface that is clean, clear, and informative so that all of the various users can navigate the application with ease.

**System Environment** (Nicholas)

Structure of the system



Software used

* Apache HTTP Server

RDBMS

* MySQL

Application Languages

* Java, HTML, CSS, Javascript, React.js. JDBC

Describe each individual function, functional process and I/O:

View late fees

View due date of items

Generate analytic report

Login/Logout