

Title: Implementing a Simple Login Page with MongoDB

Section 1: I am hoping to learn MongoDB and implement it on a small-scale login page with an option to print out the full database structure behind admin credentials. The novelty of this project is derived from learning a NoSQL database structure, MongoDB, as well as implementing it inside a web program. I think the challenges will arise from implementing the structure into the web program, as I'm more unfamiliar with back-end development with databases.

Section 2: Tentative Rubric

[5pts] A schema has been defined for MongoDB.

[30pts] The webpages are correctly linked and the server works correctly as well. The webpages will be implemented through HTML and CSS and the server through JavaScript.

[30pts] Implementation of a working account-management system. Users are prompted for credentials if they are not yet logged in. They also have the option of creating a new account.

[20pts] Implementation of an admin tag that allows more access to the system, as well as promoting/demoting a normal account to an admin account.

[10pts] There are protections against any attacks against the database (insert attacks, etc.)

[5pts] Comment and coding style, as well as documentation.