Jot: Team 4
CSCI 3308: Milestone 3

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1 Identify DBMS Software

Team 4: Jot, will be using MySQL to implement the back end for the note sharing web-app.

2 Scripts

The first SQL script builds the initial database and the initial table.
We have written PHP to insert and delete values into the tables of our database.

3 Database Diagram

The database will have multiple tables to handle the work we need it to do. The first table will be the Log-in. Upon accessing the table it will check for the user information against the created user table. In the event it does not find it, the site will redirect you to the create user table interface. Once it has either found you or you have completed creating an account you will be sent to your user table. This table will consist of some of your information (name, email, etc.), the courses that you are linked to, and the add button for adding a new course to your subscriptions. From that page you can navigate to the courses page or the creation page. When you go to the creation page it will be a different interface interacting with the course Id table then if you just desired to view the courses that you are subscribed to. At the creation page you will be prompted to add a course name, Id, and the notes you want to add to said table entry. The course Id and name will be added to the course Id table and then linked to the notes that you created in another table. The reason we are separating them is so that if we can implement a search function you will be able to search multiple table under the course Id table for keywords rather than just the course Id or name. From the table that is not involved in creating a new note table you will be able to look at the courses you are subscribed to and the courses available to subscribe to. There will be a search function to find the course and/or course ID you are looking for. Once you find the course you are looking for you will be able to click on it and see the notes available in the table and from there select the notes to view. You will be able see the notes but not edit them. Only the person that created the table of notes can edit it. We may also include a way to comment on the notes which will be included in the notes table. Included in the links are the creation script to work with a simple database and the deletion script to interact with the same database. Until we have our site developed further we use these to test our database.

4 Links

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Database Builder:https://github.com/BryanG1019/CSCI3308-Class-Project-Team-Jot/blob/master/create_table.
Insert Script:https://github.com/BryanG1019/CSCI3308-Class-Project-Team-Jot/blob/master/SQLInsertHandle
Deletion Handler:https://github.com/BryanG1019/CSCI3308-Class-Project-Team-Jot/blob/master/SQLDeleteHan
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Database EER