RateMyLab: (3 teams)

Team3: Web application for Professor or lab instructor



This UX for the student will be developed on a Unix VM supplied from the CS department. It is recommend to be done as a web application with connections to Team6 for database activity. The addition to this image above is a text entry for the student’s password.

Tasks:

1. Research what language to use for UX, recommended JavaScript. The target platform’s technology stack is Unix/Apache/PHP/MySQL.
2. Begin with simple concept model of what parts of the screen data will be connected to tables in the MySQL database:
   1. parts of the screen are “pre-populated” with data from the database
   2. parts of the screen need validation to the database, e.g, “student” and “Tutor password” and perhaps “student password”
   3. parts of the screen that pull from the database and show the different lab questions related to an individual lab number
   4. When user clicks ‘Send Your Answer’ that data will be written to a database table
3. What mechanism will be used to represent the grid and allow a user to click into a cell, then record that cell’s data into the database?
4. Recommended to create column names (representing web page variables) for the SQL statement to insert data into the database. Additionally, create column names that store a lab’s question information into a table. Additionally, create column names that store a user into a table to validate their access and pull the correct lab questions for rating.