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CS-499

Professor Bryant

**Enhancement Three Document**

**Screenshots and Descriptions**

**Sign up and Login**

The MySQL database has been configured with a Users table for login and sign up purposes. Here, you can see the creation of a new user, and then logging in with the newly created account.. The developer tools return that the sign up and login were successful.

A login screen with blue text and white text

AI-generated content may be incorrect.A login screen with a blue background

AI-generated content may be incorrect.

A login screen with blue text and white text

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

**Creating an appointment.**

A screenshot of a computer

AI-generated content may be incorrect.The following screenshots display the rest of the functionality. First, you can see the appointments screen with an appointment object that I had added previously. After that, you can see the information entered in to create a new appointment.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

**Updating/Deleting an appointment.**

Now you can see the modal pop up to update an appointment. After the information has been entered, the appointment description changes. Following that, You can see an appointment get deleted and no longer show up on the page.

A screenshot of a application

AI-generated content may be incorrect.

A date and address on a white background

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

**Logging in and attempting to update the appointment of a different user.**

In this case, I have logged in as testuser instead of testuser3. You can see that the appointments that show up for testuser are different than the ones for testuser3. I try to update the appointment of testuser3, but it will throw an error because the appointment belongs to a different user.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a application

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

**Helpful notes and TODO’s**

* Database creation and implementation
  + Install MySQL
  + Create a database called appointments\_db and set the username to root and password to password123.
    - If you choose a different username and password, you will need to update the database information in src/main/resources/application.properties
  + Create the Users table:
    - CREATE TABLE users (
    - id INT AUTO\_INCREMENT PRIMARY KEY,
    - username VARCHAR(50) NOT NULL UNIQUE,
    - password VARCHAR(255) NOT NULL
    - );
  + Create the Appointments table:
    - CREATE TABLE appointments (
    - appointmentID VARCHAR(10) PRIMARY KEY,
    - appointmentDate DATE NOT NULL,
    - appointmentDescription VARCHAR(255),
    - username VARCHAR(50) NOT NULL,
    - FOREIGN KEY (username) REFERENCES users(username) ON DELETE CASCADE
    - );
  + These steps should allow the application to communicate with your created database successfully.
* To run the application:
  + Enter the command: “mvn spring-boot:run” while in the Java-Backend folder.
  + Enter the command: “npm start” while in the react-frontend folder.
  + Travel to localhost:3000 in your web browser.
* TODO’s
  + Testing-
    - Create additional React unit tests to increase code coverage
    - Create JUnit tests to test the Java-Backend folder.