Project 01 - Express Billing System with Auth

0 % 0 of 1 topics complete

Node - P01 - Express Billing with Auth ●

Assignment

🕐 Due December 31 at 11:59 PM

🕐 Available on Dec 14, 2023 11:00 AM. **Access restricted before availability starts.**

🕐 Available until Jan 6, 2024 11:59 PM. **Access restricted after availability ends.**

Assignment: P01 – Express Billing with Auth **–** Finale

Course Value: 40%

Assignment Description:

Continuing on with the code from A03, add Authentication and Role-Based Authorization as well as refine the design.

Teamwork:

For this final project you will be working solo.

Instructions:

1. Fork your A03 Express Billing application
   1. You should be working with your own database for this stage
2. Add support for authentication and authorization
3. Personalize the styling
4. When you have completed this assignment, to upload it to the Learning Hub
5. Remember to delete the node_modules before zipping up and submitting your work.
6. **In order to verify your database and mitigate any IP address restrictions you must create a database user with the username jsolomon and the role Atlas Admin, and provide me the password in the Submission comments on Learning Hub.** **Using weak passwords will result in a point deduction.**

Functional Specifications

For this final project the specifications are intentionally quite loosely defined.

This is MUCH more like what you will be expected to work from as a professional developer.

Your app must have all of the functionality that has been built in the previous stages of the Express Billing assignments, as well as the following role-based access controls:

- Un-authenticated users
  - View the home page

- Register
- Login
- Authenticated users
  - View their own user info
  - Edit their own user info, except for roles
  - View their own Invoices
- Managers
  - View all Users
  - Edit all existing Users, except for roles
  - View all Invoices
  - Create Invoices
  - Mark invoices as "paid"
- Admins
  - All of the above, plus
    - Add Users
    - Edit User Roles
    - Add, edit, and delete Products

Screenshots and Movie Demos

- For this stage of the project no demos will be provided.

- Use your best judgment

Marking Criteria:

- This project will be marked out of 40 based on the following criteria:
  - All functional specifications met: **30**
  - UI and styling of your application: **10**