

E-commerce Website(Thunder)

Week 7 Progress

Jyothiswaroop Sreenivasulureddy (02147898)

User model and authentication

1. A userDetails.js was created to hold the schema which has the description of what the user model should be.
2. Using bcrypt the password is hashed concealing the true wordings and characters within it.
3. A middleware is added to protect each router and requires the issuance of a token for comparison to authenticate the user

Frontend login and registration form

1. In the client folder, Login.js holds the form that is filled and once submitted it adds the values to a new document in MongoDB. The form requires first name, second name, email, and password.
2. Also, there is a signup.js which requires the user to fill in the email and password and then submit this to the /login API which authenticates the user by checking if they exist and generating a token

JWT implementation

1. Jsonwebtoken is installed to generate tokens whenever a user logs into the website. The token is stored in local storage on the frontend and is cross-referenced with the token issued as a bearer with each request to any route. This is made possible through the middleware.

What is not done

1. No functionality is added to the other components like home and payment
2. No other routes is created for sending requests to the database apart from login, create-user and get-user

Git link: <https://github.com/jyothiswaroop-sreenivasulureddy/comp5130/tree/week7>