Hashim Aziz Muhammad

Task 6 - Authentication with JWT

Course: Full Stack Development

Reviewed By: Sam Baloyi

Date Submitted: May 22, 2024, 4:37 p.m.

Date Reviewed: May 23, 2024, 12:58 p.m.

Student number: HA24010012783

Scores

Completeness: 4/4

Efficiency: 3/4

Style: 4/4

Documentation: 2/4

Positive aspects of the submission

Hello, Hashim. I hope you are doing well. Thank you for your submission.

Hashim, for task 1, your submission of the screenshot meets the requirements, showcasing the decoded input and the encoded output accurately. Well done on completing this step successfully.

Moving on to task 2, you've implemented the Express app with the required endpoints for authentication using JWT.

Aspects of the submission that could be improved

However, to enhance the security of your application, it's advisable to avoid hardcoding sensitive information like secret keys directly into your code. Instead, consider using environment variables to store such sensitive data securely. This practice helps protect your application from potential security vulnerabilities.

To improve your code, I suggest utilising environment variables for storing the JWT secret key. This can be achieved by using a library like dotenv to load environment variables from a .env file. Here's a resource on how to use environment variables in Node.js: https://medium.com/the-node-js-collection/making-your-node-js-work-everywhere-with-environment-variables-2da8cdf6e786

Overall feedback

Incorporating environment variables into your code will enhance its security and maintainability. Keep up the good work, Hashim, and feel free to reach out if you have any questions or need further assistance.