Module 6 Activity 1: Advanced Middleware and Routing in Express.js

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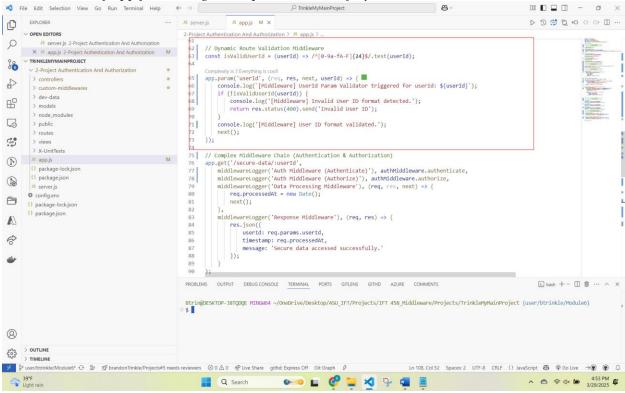
IFT 458: Middleware Programming

Professor Dinesh Sthapit

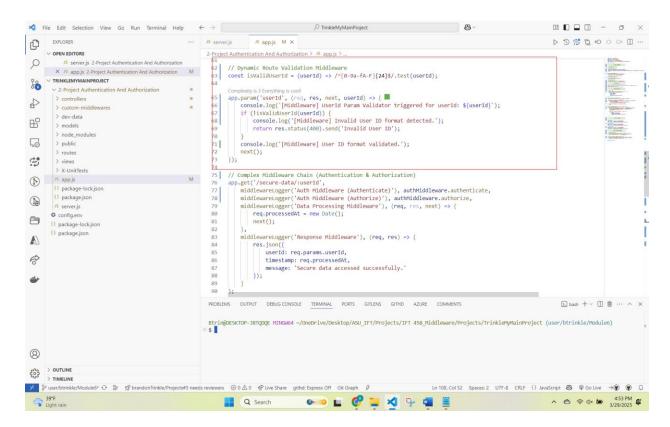
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Module 6 Activity 2: Advanced Middleware and Routing in Express.js

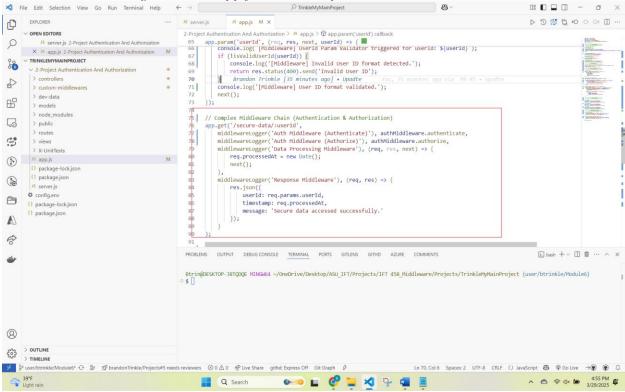
Screenshot 1: Of app.js showing the implementation of dynamic routes.

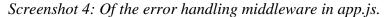


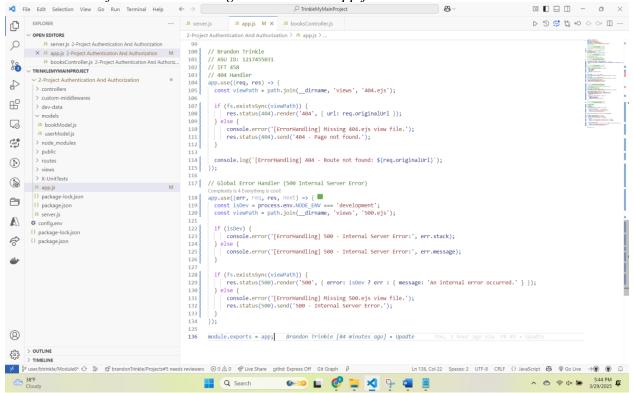
Screenshot 2: Of the middleware code for request validation in app.js.



Screenshot 3: Showing a route in app.js with a complex middleware chain.



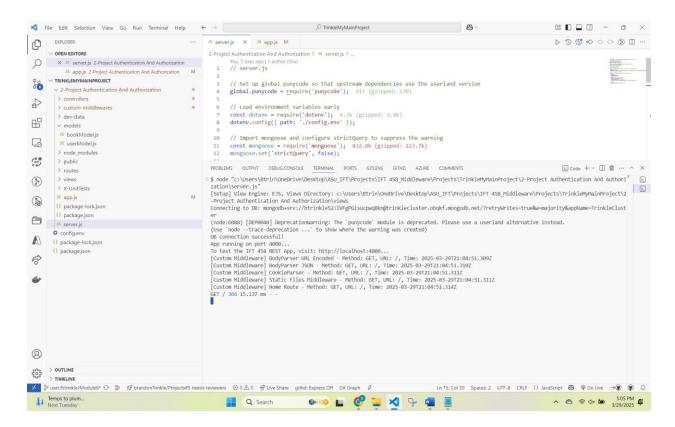




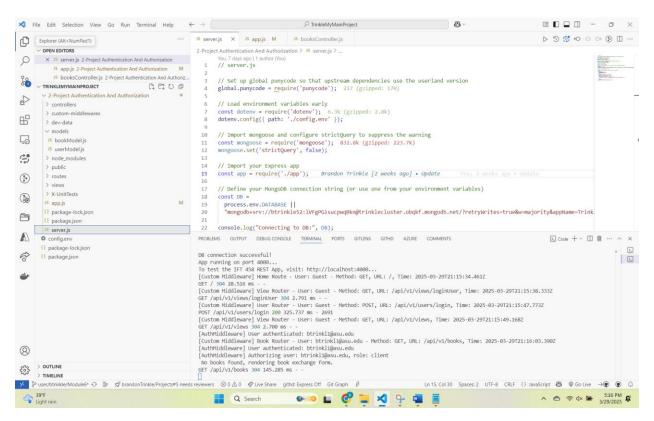
Note: During testing it outputs a lot of nuisance logs – I did my best to limit the number of logs.

Screenshot 5: Showcasing test cases and responses for different error types.

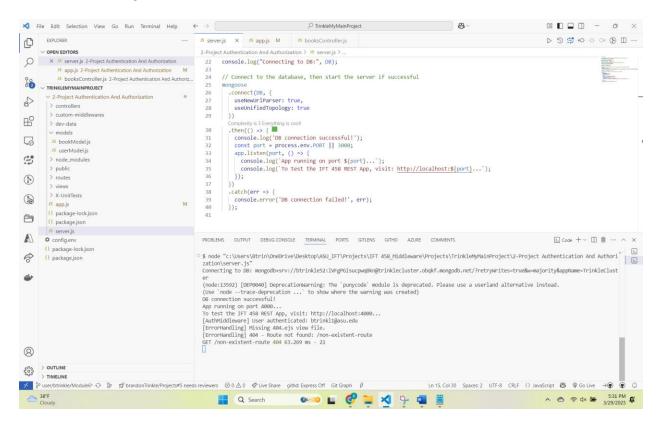
- Running host on server (Custom Middleware)



- Logging in (Auth Middleware)

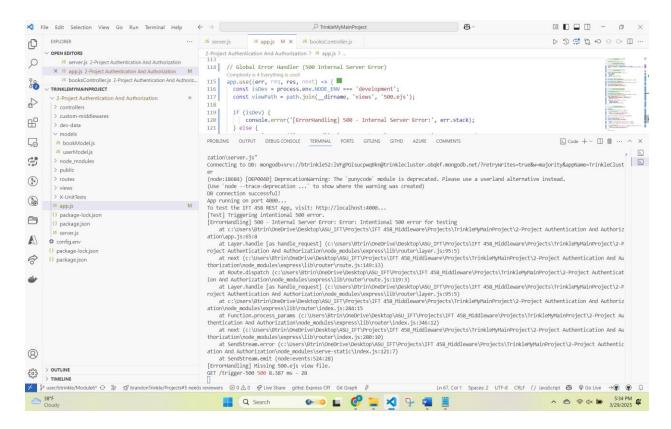


- Error handling Middeware 404



Method: Attempting to use http://localhost:4000/non-existent-route

- Error handling middleware 500



Method: Need to add a bug to app.js where it attempts to call a route that is not defined. For this test I defined as trigger-500. Then I use the route to trigger error 500.