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CS 499

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Narrative: Enhancement One Software Design/Engineering

This artifact is the Travlr project from the course CS 465 Full Stack Development. This is a Travlr Getaways web application showcasing different trips a customer can take. It was created during the months of January/February in 2025. I selected this artifact because it demonstrates my skills in building a web application with the MEAN stack which uses MongoDB, Express, Angular, and Node.js. It also showcases my ability to use web APIs to connect the web server with the database. The artifact was improved by adding a delete button to each trip and by adding a registration page for someone who does not have an account. I have limited access to editing trips to only registered users. I have met all the course outcomes I had planned to meet with this enhancement. As I was creating and improving the artifact I learned a few more styling options through html and realized how tricky it could be working with postman and implementing the register functionality. A challenge I faced was receiving a 404 error when trying to delete a trip from the database, but I was able to successfully link the routes and add functionality to delete a trip. Another challenge I faced was when submitting the new registered user, the user gets added to the database successfully, but I received an InvalidCharacterError and needed to clear the cache to temporarily fix this issue.