CS 499

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Module Five Narrative – Databases

In my previous course, CS 465: Full Stack Development I, I took a static vacation booking website and turned the Travel section into a full-stack application using the MEAN stack. On the customer-facing side, users can view the travel packages that are available to them. These packages are pulled from a database and rendered into a web page for the user to view. A single-page application allows administrators to add, modify, and remove available travel packages. I decided to change the Room section of the website into a full-stack application similar to the Travel section.

For this enhancement, I created a new collection in MongoDB to hold data for the Room section of the website. The data included each room’s code, name, price per day, image link, and description. Previously, the data was stored in hard-coded JSON files. In this assignment, I added code to retrieve and store the data in the MongoDB database instead. This data is displayed on the customer-facing website and the single-page application.

I was able to meet the course outcomes I originally planned for this enhancement by following the same process I took when developing the Trips section of the website.