Enhancement Three: Databases

A. **The Artifact Description**

In this milestone four, I incorporated the last planned enhancement. The added feature was to store userID and password to simulated mongDB.

B. **Inclusion of the Artifact Justification**

The provided software was intended to display the top 5 travel destination from CS-250 Software Development Lifecycle. I thought it would be a good idea to have the user creating an account they haven't have one. This account information will be store for the next login retrieval. This will improve logistics and managing user info more efficiently.

C. **Planned Enhancements Review**

The planned enhancement did meet the course objectives to fulfill the database handling structure. Due to the time constraint, it is not permitted to explore other features. However, there always room for improvement.

D. **Reflect on Enhancement Process**

Creating a method for a user to register an account was very challenging. I have planned to implement the SHA-1 hashing algorithm but have to deviate to MD5, since I have a difficulty of implement the password verification. I learn that the MD5 wasn't 100% secured, but it's widely used the hash function. For future improvement, I will revisit other options for more secure algorithm.