mongo

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| SNHU CS-340 Client/Server Development 22EW2 |
| Module Three Milestone |
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**Part I: Importing and Indexing a Data Set**

1. In Apporto, open the terminal window to access the Linux shell. Upload the Austin Animal Center (AAC) Outcomes data set into MongoDB by importing a CSV file using the appropriate MongoDB import tool. Use the database name “AAC” and collection name “animals”.

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1. After importing your data set, start up the mongo shell. Create a simple index on the key “breed”. Show an example query that will use this index and verify that the index will be used with the explain function.

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1. Create a compound index that will improve the performance of queries looking for breeds that have an “outcome\_type” of “Transfer”. Show an example query that will use this compound index and confirm the index will be used with the explain function.

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**Part II: User Authentication**

1. Create an administrator account in the mongo shell by following steps #2–3 of the MongoDB Manual Enable Access Control tutorial. Then exit the mongo shell.

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1. Enable user authentication for the database.

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1. Create a new account called “aacuser” for the database AAC in the mongo shell.

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1. Take a screenshot of your login process to MongoDB using the mongo shell. Be sure you can access MongoDB and list the databases using both the admin and the accuser accounts, as this will verify that both your accounts are working.

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