**Client-Side Authentication**

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CS 340 – Client/Server Development

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**Each page of this document contains a screenshot of each command that was executed or snippets of required code…**

A screenshot of a computer

Description automatically generated

Add an HTML component, such as a header, to create a unique identifier for your dashboard. (Step 2)

A screenshot of a computer

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This screenshot shows the previously created unique identifier on the dashboard.

A screenshot of a computer

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This screenshot shows the import for the CRUD Python module. (Step 3-1).

A screenshot of a computer screen

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This screenshot shows how the Python module has been adapted to receive username and userpass parameters when a new AnimalShelter object is instantiated. USER is assigned with the passed in username, and PASS is assigned with the passed in userpass.

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This screenshot shows the instantiation of an animals object from the AnimalShelter class using the previously assigned username and password values taken from user input in the dashboard. (Step 3-2).

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This screenshot shows the added functionality to test the dashboard connection to MongoDB by writing code that returns the following read query: {“animal\_type”: “Dog”, “name”: “Lucy”}. (Step 3-3).

The query contains many results with {“animal\_type”: “Dog”, “name”: “Lucy”}. I have provided two screenshots to show the top of the dashboard and the end of the results:

A screenshot of a computer

Description automatically generated

Top of the dashboard showing authentication and the results of the query once the submit button is pressed. The first result is the top-level document.

A screenshot of a computer

Description automatically generated

Bottom of dashboard showing unique identifier and end of the query results.