**CS 340 Module Five Assignment – Dashboard Authentication and Widgets**

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**Screenshot 1:** Starting Dashboard View

This shows the initial unfiltered state of the CS-340 Dashboard. The user interface displays the project logo, identifier, and title. All filters are reset, with “All Animals” selected in the dropdown, the type of filter set to “All,” and the breed search empty. The data table, pie chart, and map load in their default view, providing a complete overview of the dataset.

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This shows the dashboard after choosing the **Dog** filter. The data table updates display only dogs, such as Labrador Retrievers, Pit Bull Mixes, and Dachshunds. This demonstrates the function of the filter and how it dynamically changes the dataset and ensures users can easily focus on specific animal types.

**Screenshot 3: Filtering for Cats**  
This screenshot shows the animal dashboard filtered to display only cats. The unfiltered animal data table updates automatically to reflect the selected animal type.

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AI-generated content may be incorrect.**Screenshot 4 – Search by Breed (Siamese Mix):**  
In this screenshot, it shows how the breed search bar works within the dashboard. For this example, *Cat* selected in the filter, entering “Siamese Mix” into the search bar updates the table to display only cats of that breed. This demonstrates the system’s ability to eliminate irrelevant data.

**Screenshot 5** – Dashboard Login Page

This screenshot displays the authentication page for the dashboard. Users must log in with the aacuser account credentials to gain access, which demonstrates compliance with the security requirement. (username: aacuser password: aacuser01)

A pie chart with numbers and a number of percentages

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**Screenshot 6 – Pie Chart:**

A map of a city

AI-generated content may be incorrect.“Dashboard widget showing the Top Breed distribution in the database. This connects to the MongoDB collection using my CRUD module and displays the percentage breakdown of animal breeds.”

**Screenshot 7** – This map shows the geolocation chart. It connects to the database and plots the data on a map so we can easily see where things are located.