Contemporary Web Design 2

Coding Challenge #7 – Is That a Template? (5%)

Overview:

Using the data from Coding Challenge #6, You will create a website using NodeJS / Express / EJS that loads data from a MongoDB and displays the following pages / content:

- A <NAV> bar – displayed on all pages - with links to ‘breeds’ and ‘facts’
- ‘homepage’ that loads a random cat breed and fact
- ‘breeds’ that loads all breeds listed in the MongoDB as separate <DIV> elements. Inside the <DIV> the ‘image’ and ‘breed’ fields from your data should be displayed. The image and text should be a clickable URL that loads the detail elements for that breed.
- ‘:breedId’ that loads the details of a single MongoDB document (image, breed, country, origin, coat, pattern) from the ‘breeds’ collection. The page should render titles and the data. Ex: Breed: Balinese.
- ‘facts’ that loads all facts listed in the MongoDB as an unordered list.
- ‘:factId’ that loads the details of a single MongoDB document (fact) from the ‘facts’ collection.

The site should be hosted using AWS.

Purpose:

The goal is this challenge is to use EJS templates and work with data from a MongoDB to display dynamic webpages.

Process:

Use a code editor and the console to write and test your code. Before you commit to writing your code, write out comments in your code that will identify the steps required by your program to complete the required task.

Rubric:

Category	0-1 Incomplete	1-2 Undeveloped	2-3 Approaching	3-4 Mastery	4-5 Exemplary
	Shows no or poor level of knowledge	**Shows mild level of knowledge**	**Shows moderate level of knowledge**	**Shows proficient level of knowledge**	**Shows excellent level of knowledge**

Code (80%)	No code submitted	Code demonstrates minimal understanding of the course material.	Code demonstrates a satisfactory understanding of the course material.	Code demonstrates a proficient understanding of the course material.	Code demonstrates an excellent understanding of the course material.
Live URL (20%)	No URL Submitted.	N/A	N/A	N/A	URL Submitted with working code.
TOTAL (5% of your Final Mark)					

Submission/Deliverables:

- Upload your code files (.HTML, .CSS & .JS) to Blackboard.
- Upload a link to a live URL with the working code.

Due: See BlackBoard for details

NOTE: Work will not be accepted 1 week after the due date.

All assignments must meet all standards of academic integrity. Anything in your assignments that is not specifically created by you must be cited and referenced (APA format). This includes (but is not limited to) images, templates, text, ideas that are not common knowledge, and group work with peers. You cannot share or re-use work from other assignments without permission. It is your responsibility to understand the requirements for academic integrity. More details: https://academic-regulations.humber.ca/2021-2022/17.0-ACADEMIC-MISCONDUCT