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IT331-002

Project 3 Submission

URL: <http://mason.gmu.edu/~bkil/IT331/Project1/index.html>

<http://mason.gmu.edu/~bkil/IT331/Project1/facts.html>

<http://mason.gmu.edu/~bkil/IT331/Project1/breeds.html>

<http://mason.gmu.edu/~bkil/IT331/Project1/thingsToKnow.html>

<http://mason.gmu.edu/~bkil/IT331/Project1/gallery.html>

<http://mason.gmu.edu/~bkil/IT331/Project1/references.html>

<http://mason.gmu.edu/~bkil/IT331/Project1/project1.css>

<https://mason.gmu.edu/~bkil/IT331/Project1/breedsList.xml>

* index.html – Welcome page that briefly explains what this website is about.
* facts.html – Statistics page that has information/statistics about dogs.
* breeds.html – Breeds page that contains multiple breeds that are popular in the US.
* thingsToKnow.html – Things to know page contains common knowledge about dogs health and behaviors.
* gallery.html – Gallery page contains images of dogs that contains setInterval and clearInterval methods.
* references.html – References page contains reference links that are used for this website
* breedsList.xml – Contains breeds ranking data for breeds.html

1. 6 web pages and 1 XML file are used with a horizontal navigation bar that helps users to navigate through out the website easily.
2. Coding requirements:
   1. Comments are used for each variable as I declare it to explain its purpose and for each major structure (decision structures, looping structures, etc.) describing why I used that structure.
   2. Codes have plenty of appropriate white spaces and indentation for readability.
3. Features:
   1. facts.html includes an example of modifying page content dynamically. There is a button underneath the game and game description, “Remove Game”. If it’s clicked, game and its description is removed. Once the page is refreshed, game reloads.
   2. Index.html includes an example of changing the styles of page content dynamically. When the “Change the Theme Color!” button is clicked, background color of header is changed from green to orange.
   3. A rollover effect on h1 text using the mouseover and mouseout is used on breeds.html
   4. A scripted animation that uses window’s setInterval and clearInterval method is used on gallery.html
   5. An XML file (breedsList.xml) is used to display the data in breeds.html.
4. Validation:
5. All pages except the breeds.html, which includes xml file, passed the validator with the use of an **HTML5** Doctype.