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IT331-002

Project 4 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. Raw Ajax that uses the XMLHttpRequest object is included in gallery.html.
   2. Animation (slideUp and slideDown) from the jQuery Library is used in thingsToKnow.html.
   3. Datepicker from the jQuery UI Library is implemented manually in thingsToKnow.html.
   4. Form validation is applied on first name, last name, email, and checkboxes using jQuery Plugin in thingsToKnow.html. (Checkbox validation works when it’s submitted)
4. Validation:
5. All pages except the breeds.html, which includes xml file, passed the validator with the use of an **HTML5** Doctype.