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IT 331-001

Professor Wang

Project 4 Documentation

<https://mason.gmu.edu/~jnguye62/IT331/Project4/>

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| **Page** | **Description** |
| index.html | Welcome page that contains the website’s disclaimer statement and images of the products being offered. Prompts for user’s full name and displays the input onto the web page. User can reset the name via a button. Main content is now dynamically generated using the SPRY framework. |
| products.html | Information page that lists all of the products that are being offered, their price, the amount of stock in inventory, and their estimated delivery times. |
| gallery.html | Page that contains a small game that the user can partake in. This page loads one of four random images on load and has a button that also randomizes the image on the page. |
| sandbox.html | Space where the user can create/delete/modify HTML elements. Allows the user to test any tag and style they wish. This page also showcases new animation and mouse rollover features. |
| about\_us.html **(MODIFIED)** | Contains a short description of the origin of the website. Also contains a link to the CSS file that was used to style all of the web pages. This page now contains links to the JavaScript files. ***The links now appear with a jQuery animation and uses AJAX to source the links*** |
| about\_me.html **(NEW)** | ***Contains a short bio for me*** |
| contact\_us.html **(MODIFIED)** | This web page gives users a way to contact the website creators. Users can leave a review that helps the creators with future development. ***This page now uses jQuery form validation and jQuery UI datepicker.*** |
| project1\_styles.css | Contains all of the self-defined styling rules used across the website |
| gallery.js | Contains code for providing functionality to gallery.html |
| user\_name.js | Contains code for user prompt and name record on index.html |
| sandbox.js | Contains code for functionality of sandbox.html |
| exhibits.json | Contains data set used on index.html for dynamic SPRY content |
| sources.js **(NEW)** | ***Contains AJAX handlers and functions for about\_us.html*** |
| sources.xml **(NEW)** | ***Contains data used in AJAX feature, names and links for source code/documentation*** |
| jQueryUI\_features.js **(NEW)** | ***Contains code for implementing the datepicker on contact\_us.html*** |
| validate\_form.js | ***Contains form validation code and rules for contact\_us.html*** |

**Project Requirements**

1. 7 web pages minimum:
   1. There are at least 7 web pages on the website.
2. Coding requirements:
   1. The code is fully commented to describe the creator’s thought process and purpose. Each variable’s and data structure’s purpose is explained.
   2. Code was written with mindful indentation and whitespace
3. Features:
   1. On about\_us.html, raw AJAX has been implemented to display a set of links.
   2. On about\_us.html, there is a fade in animation implemented with jQuery.
   3. On contact\_us.html, the date picker from jQueryUI has been implemented.
   4. On contact\_us.html, the majority of the fields have been set to be required, displaying a message when invalid.
4. Validation:
5. All webpages on the site pass the validator.