Jefferson Nguyen

IT 331-001

Professor Wang

Project 3 Documentation

<https://mason.gmu.edu/~jnguye62/IT331/Project3/>

|  |  |
| --- | --- |
| **Page** | **Description** |
| index.html **(MODIFIED)** | 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 **(NEW)** | ***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. ***New links have been created for the JSON data set and sandbox.html’s javascript code.*** |
| contact\_us.html | This web page gives users a way to contact the website creators. Users can leave a review that helps the creators with future development. |
| 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 **(NEW)** | ***Contains code for functionality of sandbox.html*** |
| exhibits.json **(NEW)** | ***Contains data set used on index.html for dynamic SPRY content*** |

**Project Requirements**

1. 6 web pages minimum:
   1. There are at least 6 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 sandbox.html, the user can dynamically create and delete elements and content.
   2. On sandbox.html, the user can manipulate the styles of elements existing on the page using the text inputs.
   3. On sandbox.html, the user can activate mouseOver and mouseOut effects by clicking the button that says “Click here to add Rollovers to <p> tags!”. Effects will be added to all current <p> tags on the page.
   4. On sandbox.html, the page header has an animation that activates on mouse rollover. It grows during mouseOver and shrinks on mouseOut.
   5. On index.html, the main content is dynamically displayed using the Spry framework. The data is coming from a JSON file called “exhibits.json”. The user manipulate their view by clicking on one of the dynamically generated exhibit links (via repeat list) in the master region. A detail region is updated with a title, description, and image.
4. Validation:
5. All webpages on the site pass the validator.