

Jefferson Nguyen  
IT 331-001  
Professor Wang  
Project 4 Documentation

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

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. <b><i>The links now appear with a jQuery animation and uses AJAX to source the links</i></b>
about_me.html (NEW)	<b><i>Contains a short bio for me</i></b>
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. <b><i>This page now uses jQuery form validation and jQuery UI datepicker.</i></b>
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)	<b><i>Contains AJAX handlers and functions for about_us.html</i></b>
sources.xml (NEW)	<b><i>Contains data used in AJAX feature, names and links for source code/documentation</i></b>
jQueryUI_features.js (NEW)	<b><i>Contains code for implementing the datepicker on contact_us.html</i></b>
validate_form.js	<b><i>Contains form validation code and rules for contact_us.html</i></b>

## **Project Requirements**

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