

Assignment-3

Student Name/ ID Number:	James Vincent C. Escartin/ BDSE0622-013
Academic Year:	2022-2023
Module Name:	Front-End Web Development
Project Title:	Single Page Applicatio
Submission Date:	July 26, 2022

Learner's Declaration

I certify that the work submitted for this assignment is my own research sources are fully acknowledged

Student Signature: *James Vincent Escartin*

Date: July 26, 2022

Purpose of this project

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To demonstrate your capabilities in the following areas:

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- • Plan a Website & Develop branding, wireframes, information architecture & storyboard.
- • Develop a website using HTML, CSS & JavaScript.
- • Develop jQuery Menus & Tabs
- • Develop a Single Page Application
- • Execute the test cases and validate the website meets the design requirements.
- • Configure the virtual host and deploy the application.

Submission Format

In one document, submit the following:

1. Website screenshot in word document
2. Source code

Project Brief & Guidance

Scenario:

Setup the Application (Download the source code) in Apache and get the screen capture of Modify the application to add a product detail page for each product (4 pages, 1 page for each product)

You will be required to design and develop this website using HTML, JavaScript, and CSS.

You will be required to design the following pages for the website-

1. Change the product price based on the currency selected.
2. Create your own json.file for currency conversion
3. Call a Server-Side Script with product Id.
4. Read the product page using the Server-Side Script.
5. Display it in the main content area of the demo products page.
6. Configure Apache to use Single IP Address (your local IP Address) to host

www.<studentno>-1.com

www.<studentno>-2.com

Define the document root as below

C:/vhosts/<studentno>-1

C:/vhosts/<studentno>-2

7. Secure the host www.<studentno>-2.com using .htaccess and .htpassword
8. Deploy the application and capture the screenshot as below

The website that you have developed needs to be tested by you and final sign-off should be taken from 'ABC Learning Center' (Mentor) before hosting it on their web server.

Screenshot

