**Assignment Information and Goal**  
In this class assignment you will demonstrate a detailed knowledge of WordPress basic skills by creating a WordPress site and extending it with menus, images, themes, plugins, pages and posts.   
The goal of this assignment is to demonstrate that you have learned how to use best practices to extend WordPress.  
**Assignment questions are not as detailed as activity questions. The assignment is where you demonstrate understanding of the material.  
  
Read All Project Documents before Starting the Work**Please read this document completely before starting the project work.   
Please also read the template so that you understand what information, content, and screens you are required to capture and insert into the template file.

**Documents for This Assignment:**   
This is the assignment instructions document.   
It contains the information on the necessary tasks to be completed for the assignment.  
The other documents associated with this assignment are the assignment template, the website content, and the rubric.   
  
**Website Content document:**   
The Website Content document contains business information and all the necessary CMS web page content required to create the WordPress site.   
  
**Template File:**   
Please download, rename, complete and then submit the assignment template document to receive a grade for this assignment. Please provide partial screen captures where requested.  
The rubric provides detailed information on how the assignment is graded.  
**PLEASE DO NOT DELETE PARTS OR ALTER SECTION FORMATTING OF THIS TEMPLATE**

**Assignment 03 – Parts Index**Part A - Student Information  
Part B - Create WordPress CMS Website on Shared Web Host or PaaS  
Part C - Extend the WP Site with Plugins  
Part D - Extend the WP Site with Menus  
Part E - Add Website Content – Pages  
**Part F - Add Website Content – Posts**Part G – Codeanywhere – Demonstrate CMS Best Practices Plugins  
**Part H - PHP Exercises  
Part I – Assignment Wrap up:**

**Assignment Asset Folders and Website Content**   
There are asset folders that contain images and website page and post content.  
The asset folders contain images and content to use on the CMS website.   
Please use the content and image assets provided on the D2L CMS to complete the assignment.

**Asset Folders Information**Folder: **Page Content - Images for Site Pages**  
This folder contains a collection of page specific images.

Folder: **Page Content - Site Info Docs**  
Contains individual Microsoft Word documents. Each document is named for a specific WordPress page. The documents contain the Page title, body content, and instructions for adding page images, Guttenberg block edits, and SEO content. FAQ Page info has no SEO content.

Folder: Part G – FAQ  
Folder for the FAQ Plugin Best Practices Exercise in Part G. Contains the File   
“FAQ Page Content”   
  
Folder: **Post Content -Video Games**  
Contains individual Microsoft Word documents. Each document is named for a specific Video Games Post. The documents contain the Post title and body content, and instructions for adding page images, body content WYWIWYG edits (like QUOTES). Game content files do not contain SEO.

Folder: **Post Large Images - Games Large Images**  
Contains a collection of video game images, large size, and perfect for using in posts.

Folder: **Post Small Images - Video Game Images**  
Contains a collection of video game images, small size, and perfect for post teasers.

Please contact the instructors if you have questions about the assignment, content layout, or formatting.

**Part A - Student Information**

1. Download and save a copy of the Assignment 03 Template document
2. Rename the template document **[Your-Full-Name]-**Assignment03.docx
3. Go to the template and enter part A student information.

**Part B - Create WordPress CMS Website on Shared Web Host or PaaS**

1. If you are using a cPanel shared web host, create an “In Directory” WordPress CMS website with the following attributes  
    **For Shared Web Host:**

**Protocol:** http:// **Domain:** Select your default domain **In Directory:** “mod3assign3”

**Site Name:** “Armadillo Video Game Resale”

**Site Description:** “IT320 Assignment 03”  
**Enable Multisite (WPMU):** Do not enable Multisite

**Choose Language: Set language to the default of English  
Select Plugins:**

**Limit Login Attempts – Uncheck this option**

**Do not use the Classic Editor on this assignment:**

**Classic Editor – Do not Enable (**DO NOT CHECK**) this option**

**Advanced Options:**

Database Name: Use your web hosts default database name

Database Prefix: Use your Web hosts default database prefix

-OR-  
**For Pantheon:**

If you are creating a Pantheon WordPress 5.0 site, create a site with the following attributes:  
**Site Name:** “Armadillo Video Game Resale”

1. Go to the template and record website creation settings in part B.

**Part C - Extend the WP Site with Plugins**

1. Download, install and **activate** the following WordPress plugins
   * Basic SEO Pack – for site and page SEO
     1. Scroll down to find this plugin.
     2. This plugin does not appear at the top of the page, even when you search for it by name.

|  |
| --- |
| HD:private:var:folders:vh:lbh1qypx7zldldk1l9f6tpsc0000gn:T:2019-12-20_08-02-56.png |

* + Contact Form 7 – for a “Contact Us” Form on a “Contact Us” Page
  + Contact Form 7 Honeypot – for adding honeypot fields on the “Contact Us” form

1. Go to the template, take the required screen shots listed for part C, and paste them in the template at part C.

**Part D: Extend the WP Site with Menus**

1. Verify that the Active theme is Twenty Twenty
2. Create a new menu named **“My Menu”**
   * **Select (check) the boxes at the bottom to** 
     1. **Automatically add top-level pages to the menu**
     2. **Desktop Horizontal Menu**
     3. **Mobile Menu.**
3. Go to the template, take the required screen shots listed for **part D**, and paste them in the template.

**Site Images Note:**the images for this assignment website are added to the media library when you create the Page or Post**.**

**Part E - Add Website Content – Pages**

1. Read about the WordPress plugins you use. Each plugin has information about it posted on its web page. You are expected to understand how they work and how to implement pages with them.
2. Please follow these page, content, and image guidelines when creating pages:
   * Use the provided images located in the **asset** folders and sub-folders.
   * Use the Page provided content form the assets folder
   * Do not add copyright protected images.
     1. If you are worried about copyright protection, take safe images with a cell phone and use them.
3. Create an “**About Us”** page
   * Add Gutenberg block content from the Assignment 03 Assets “**Page Content - Site Info Docs**” folder, “**ABOUT PAGE CONTENT**” file.
   * Add the image “AboutUs.png” from the Assignment 03 Assets, Site images folder
   * In the about page body Paragraph #3 , change the underlined text   
     “Wildlife Rescue in Austin Texas” into a link to the website with URL
     1. “http://www.austinwildliferescue.org/“
   * Add SEO keywords and description from the “**ABOUT PAGE CONTENT**” file- this requires an active SEO plugin
4. Create a **“How it works”** page
   * Add Gutenberg block content from the Assignment 03 Assets, “**Page Content - Site Info Docs**” folder, “**How it works Page Content**” file.
   * Add SEO keywords and description from the “**How it works Page Content**” file
5. Create a **“Meet the Owners”** page
   * Add Gutenberg block content from Assignment 03 Assets, “**Page Content - Site Info Docs**” folder, “**MEET THE OWNERS PAGE CONTENT**” file.
   * Add SEO keywords and description from the assets page content file
6. Create a new Contact Form 7 named “**Contact Us** with the following fields and attributes:
   * Your Name (required)
   * Your Email (required)
   * Your Phone Number
   * Your Favorite Website URL
   * Subject (required)
   * Your Message (required)
7. Edit the “**Contact Us**” form and add 2 honeypot fields on the form
8. Create a new Page on your WordPress site for the “**Contact Us**” form
9. Create a **“Volunteer of the month”** Page and add the following page content to it:
   * Your name.
   * Take a picture of you with your cell phone camera and add it to the page.
   * Please write at least 2 paragraphs of your own content for this page. Please do not use IPSUM text. Instead of IPSUM content, **write a short bio of yourself as if you were the volunteer of the month**.
   * Before you publish this Page, set the Visibility to Private – so that only site administrators and editors can see it
10. Edit the Main menu structure so it matches the following layout
    * About Us (Parent, Level Zero)
      + Volunteer of the month (Child of About us)
    * HOW IT WORKS (Parent, Level Zero)
      + Meet the owners (Child of How it works)
    * CONTACT US (Parent, Level Zero)
11. Go to the template, take the required screen shots listed for Part E, and paste them in the template.

**Part F - Add Website Content – Posts**

1. Create at 2 video game **posts** on the home page
2. The game post content is in 2 files in the “**Activity Site Post Conten**t” folder under assets.
3. Each game file lists the category and tags to assign to each post as well as the information for adding Gutenberg block content and SEO content.
4. Follow the Gutenberg block tags listed in the content file. This includes adding image blocks, quote block, and a “**Read** **More**” block for each Post.
5. Gutenberg Image Block locations and ALT Text are identified in the Post Content files. Post images are provided in the Assignment Assets zip file.
6. Go to the template, take the required screen shots listed for Part F, and paste them in the template.

Part G – Codeanywhere – Demonstrate CMS Best Practices

1. Create a new Codeanywhere WordPress site
2. Name the Connection container using your initials and assignment03
3. Update the Codeanywhere WordPress to Version 5
4. Update all themes and plugins
5. Set Twenty Twenty as the active theme
6. Crate a new menu on the site and test it with a test page
7. Do not install the Classic editor. All work must be done using the new Guttenberg editor.

Assignment Task:   
Find a best-fit FAQ plugin based on features below.  
Use best practices to evaluate and select one FAQ plugin and implement it on your Codeanywhere WordPress site and add 3 FAQ questions and answers using the questions and answers from the asset “**Part G – FAQ**” folder, “**FAQ Page Content**” document file.

Desired FAQ Feature List:  
The features you are looking for in a plugin are:  
(1) a no-cost plugin   
(2) Plugin does not require us to update to a professional (pro) version  
(3) Compatible with Guttenberg editor, as a block.  
(4) Plugin Questions and answers are entered within Gutenberg editor  
(5) Plugin is compatible with our WordPress site version  
(6) Plugin is well maintained and has been updated recently

**Example List of FAQ plugins cruelty listed on the WP Marketplace:**

|  |  |
| --- | --- |
| **(1) Easy FAQs** | **(2) Quick and Easy FAQs** |
| **HD:private:var:folders:vh:lbh1qypx7zldldk1l9f6tpsc0000gn:T:2019-12-19_17-59-18.png** | **HD:private:var:folders:vh:lbh1qypx7zldldk1l9f6tpsc0000gn:T:2019-12-19_17-58-48.png** |
| **(3) HTML 5 Responsive FAQ** | **(4) FAQ Block for Gutenberg** |
| **HD:private:var:folders:vh:lbh1qypx7zldldk1l9f6tpsc0000gn:T:2019-12-19_17-58-36.png** | **HD:private:var:folders:vh:lbh1qypx7zldldk1l9f6tpsc0000gn:T:2019-12-19_17-59-04.png** |
| **(5) Accordion FAQ** | **(6) Helpie FAQ – WordPress FAQ Accordion Plugin** |
| **HD:private:var:folders:vh:lbh1qypx7zldldk1l9f6tpsc0000gn:T:2019-12-19_17-58-09.png** | **HD:private:var:folders:vh:lbh1qypx7zldldk1l9f6tpsc0000gn:T:2019-12-19_17-58-18.png** |

Or find your own plugin, not on the above list. Just remember, it has to conform to the feature list above and use best practices when selecting the plugin.

Your Tasks Continued:

1. Create a new Menu
2. Create an About Us page with IPSUM content
3. Use best practices to evaluate and select potential FAQ plugins
4. On your WordPress site admin back-end, Install, activate, and test potential FAQ plugins
5. Eventually decide on 1 best fit plugin
6. Install, activate and implement the FAQ plugin
7. Create an FAQ Page
8. Add 3 FAQ Questions and Answers to the FAQ Page
9. Use FAQ question and answers from the assets **Site-FAQ-Info tex**t file
10. ~~Configure the FAQ to redirect to a new Abut Us page on the WP site~~ (Removed)
11. ~~Configure the FAQ to store each contact us form in the WP database~~(Removed)
12. Go to the template and answer the PHP Questions in the template at Part G

**Part H - PHP Exercises:**1. Go to the template and answer the PHP Questions in the template at Part H.

*Do you need additional help with your PHP coding?  
Go to D2L and download the Module 02 PHP Examples.   
There are individual PHP files and a zip-compressed file containing all Module 02 PHP examples*

*You can copy and paste code from the PHP files directly into a Web PHP tester, like PHPTester and you can very easily see how the code works and see the output, if there is any.****Also, please do not use “\n” or “\r\n” in your PHP code. Instead use HTML break statements.***

**Part I – Assignment Wrap up:**

1. Go to the template and answer the questions in part I, the assignment wrap up.
2. After that submit your template to D2L.