**Assignment Information and Goal**  
In this class assignment you will demonstrate a detailed knowledge of basic Drupal CMS skills by creating and managing Drupal 8 CMS sites on various platforms.   
The goal of this assignment is to demonstrate that you have learned how to use best practices to create and extend Drupal 8 CMS sites.  
**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.   
  
**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 NUMBER FORMATTING OF THIS TEMPLATE**

As**signment Asset Folders and Website Content:**The asset folders contain images to use in Articles on the Drupal CMS website.  
For Basic page and Article content, please use IPSUM text from the Hipster IPSUM or other IPSUM website.

Part A - Student Information

1. Download and save a copy of the Assignment 07 Template document
2. Rename the template document **[Your-Name or Initials]-**Assignmen-07-Template.docx
3. Go to the template and enter student information for Part A.

Part B - Create Drupal 8 CMS Website on Shared Web Host or PaaS

1. If you are using a **shared web host** create an “In Directory” Drupal 8 CMS website with the following attributes:

**Version: Most Recent Drupal 8 Version (8.8.0 as of Dec 17th 2019)  
INSTALLATION URL:**

**Protocol:** http:// **Domain:** Select your default domain **In Directory:** “mod07assign07”

**CRON Job Settings: Keep Default Settings**

**Site Name:** “My Drupal 8 Assignment Site”

**Admin Account:**

**Admin Username: Keep default or add a strong username**

**Admin Password: Keep default or add a strong password**

**Admin email: admin@[your-domain -name]**

**Advanced Options:**

Database Name: Use your web hosts default database name

Database Prefix: Use your Web hosts default database prefix

Backup Location: Keep default value

-OR-

**2. If you are creating a Pantheon Drupal 8 CMS site:**

Create a sandbox site Pantheon Drupal 8 site with the following attributes:  
  
**Name Your Pantheon Site:** “[Your Initials] – Assignment 07–PA”  
**Your Pantheon Development Site URL:** Keep default value  
**Choose an Organization:** None  
**Choose a Region for the Site:** United States

Deploy a Drupal 8 Site.

Configure Site:

**Site name:** My Assignment 07

**Site email address:** Use the email you used to establish the PaaS account

**Username:** enter a strong username (record it)

**Password:** enter a strong password (record it)

Regional Settings:

**Default Country:** United States  
 **Default time Zone:** Select appropriate city (Chicago)

UPDATE NOTIFICATIONS  
 **Check for Updates automatically:** selected (Checked)

**Receive email notifications:** Selected (checked)

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

Part C - Harden Shared Web Host Drupal 8 Site

1. Harden your Drupal 8 site by setting “Administrators only” as the role that can register new accounts
2. Open the Assignment 07 template and take the screen captures for Part C.
   * Admin toolbar > Configuration > Accounts settings > REGISTRATION AND CANCELATION section
   * Admin toolbar > People page

Part D - Extend the Shared (or PaaS) Drupal 8 Site **Extend with Themes, Basic pages, Articles, images and menus**

Read about the Drupal 8 themes you use.   
Each theme has information about it posted on its project page.   
You are expected to understand how they work and how to install and configure them.

1. Create a Basic Page with the following attributes:
   * Title: “About us”
   * Body: 3 paragraphs of Lorem Ipsum text - <https://hipsum.co/>
   * **Published:** Checked (selected)
   * **Menu:** provide a menu link to the <Main navigation> menu
   * **URL alias:** /about-us
   * **PROMOTION OPTIONS:**
     1. Promoted to front page: unchecked (not selected)
     2. Sticky at top of lists: unchecked (not selected)
2. Create a Basic Page with the following attributes:
   * Title: “Biography”
   * Body: 3 paragraphs of Lorem Ipsum text - <https://hipsum.co/>
   * **Published:** Checked (selected)
   * **Menu:** provide a menu link to the <Main navigation> menu
   * **URL alias:** /biography
   * **PROMOTION OPTIONS:**
     1. Promoted to front page: unchecked (not selected)
     2. Sticky at top of lists: unchecked (not selected)
3. Create an Article with the following attributes:
   * Title: “Nature 001”
   * Body: 3 paragraphs of Lorem Ipsum text - <https://hipsum.co/>
   * **Tags: Wildlife**
   * **Image: Deer-Bar-Harbor-2019-x300.png**
   * **Alt text: “Picture of a deer family. “**
   * **Published:** Checked (selected)
   * **Menu:** Unchecked
   * **URL alias:** /deer-family
   * **PROMOTION OPTIONS:**
     1. Promoted to front page: **checked (selected)**
     2. Sticky at top of lists: **checked (selected)**
4. Create an Article with the following attributes:
   * Title: “Nature 002”
   * Body: 3 paragraphs of Lorem Ipsum text - <https://hipsum.co/>
   * **Tags: Wildlife, Squirrel**
   * **Image: RedSquirrel002.png**
   * **Alt text: “****Picture of a red squirrel. “**
   * **Published:** Checked (selected)
   * **Menu:** Unchecked
   * **URL alias:** /red-squirrel
   * **PROMOTION OPTIONS:**
     1. Promoted to front page: **checked (selected)**
     2. Sticky at top of lists: **un-checked (not selected)**
5. Install the Drupal8 Zymphonies Theme
   * [**https://www.drupal.org/project/drupal8\_zymphonies\_theme**](https://www.drupal.org/project/drupal8_zymphonies_theme)
6. Configure the Zymphonies theme to be the default front-end theme
7. Add three slides to the Zymphonies slideshow with the following attributes:
   * **SLIDE 1**
     1. **Image: slide-image-a.png**
     2. **Slide 1 Title: About Us**
     3. **Slide 1 Description: A side that links to the ‘About us’ Basic page**
     4. **Slide 1 URL: about-us**
   * **SLIDE 2**
     1. **Image: slide-image-a.png**
     2. **Slide 1 Title: Biography**
     3. **Slide 1 Description: A side that links to the ‘Biography’ Basic page**
     4. **Slide 1 URL: biography**
   * **SLIDE 3**
     1. **Image: slide-image-a.png**
     2. **Slide 1 Title: Deer Family**
     3. **Slide 1 Description: A side that links to the ‘Nature 001’ Article**
     4. **Slide 1 URL: deer-family**
8. Install the Adminimal theme to the Drupal site
9. Configure the Adminimal theme as the ADMINISTRATION THEME
10. Open the Assignment 07 template and take the screen captures for Part D
    * Admin toolbar > Content
    * Structure > Taxonomy > Tags – List terms
    * Admin toolbar > Configuration > URL alias page
    * Admin toolbar > Appearance – Whole page (Front end and Admin Themes)

Part E - Create Codeanywhere Drupal 8 CMS Website

1. Download and use the Codeanywhere build script on the D2L assignment 07 section
   * Script: ca-drupal8.y.z-basic-builder.sh
2. Create a MySQL database named [your-initials]-drupal8
3. Create a Drupal 8 CMS website on Codeanywhere with the following attributes:
   * Workspace Name: [your-initials]-assign07-ca
   * Site Name: “CA Assignment 7”
   * Site Description: “IT320 Assignment 07 CA”
4. Go to the template and record website creation settings in the assignment template at Part E.

Part F - Harden the Codeanywhere Drupal 8 Site

1. Harden your Drupal 8 site by setting “Administrators only” as the role that can register new accounts
2. Open the Assignment 07 template and take the screen captures for Part F

Part G - Extend the Codeanywhere Drupal 8 Site **– Add Content  
Extend with Basic pages, Articles, images and menus**

1. Create a Basic Page with the following attributes:
   * Title: “Our Efforts”
   * Body: 3 paragraphs of Lorem Ipsum text - <https://hipsum.co/>
   * **Published:** Checked (selected)
   * **Menu:** provide a menu link to the <Main navigation> menu
   * **URL alias:** /our-efforts
   * **PROMOTION OPTIONS:**
     1. Promoted to front page: unchecked (not selected)
     2. Sticky at top of lists: unchecked (not selected)
2. Create a Basic Page of your own design and content:
   * Title: “My Page”
   * Body: 3 paragraphs of Lorem Ipsum text - <https://hipsum.co/>
   * **Published:** Checked (selected)
   * **Menu:** provide a menu link to the <Main navigation> menu
   * **URL alias:** /my-page
   * **PROMOTION OPTIONS:**
     1. Promoted to front page: unchecked (not selected)
     2. Sticky at top of lists: unchecked (not selected)
3. Create an Article with the following attributes:
   * Title: “Black Squirrel 002”
   * Body: 3 paragraphs of Lorem Ipsum text - <https://hipsum.co/>
   * **Tags: Squirrel**
   * **Image: BlackSquirrel002.png**
   * **Alt text: “Picture of a Black squirrel. “**
   * **Published:** Checked (selected)
   * **Menu:** Unchecked
   * **URL alias:** /black-squirrel
   * **PROMOTION OPTIONS:**
     1. Promoted to front page: **checked (selected)**
     2. Sticky at top of lists: **un-checked (not selected)**
4. Create an Article of your own design and content with the following attributes:
   * Title: “My Article”
   * Body: 3 paragraphs of Lorem Ipsum text - <https://hipsum.co/>
   * **Tags: Food**
   * **Image: Select any image form the assets folder or use your own**
   * **Alt text:** Enter appropriate alt-text based on the picture
   * **Published:** Checked (selected)
   * **Menu:** Unchecked
   * **URL alias:** /my-article-01
   * **PROMOTION OPTIONS:**
     1. Promoted to front page: **checked (selected)**
     2. Sticky at top of lists: **un-checked (not selected)**
5. Open the Assignment 07 template and take the screen captures for Part G

**Part H – Assignment Wrap up:**

1. Go to the template and answer the questions in Part H, the assignment wrap up.
2. Answers to questions 1-3 are required to receive points on this section
3. After answering these questions, submit your template to D2L.  
     
   Submit this completed template to the D2L assignment 02 dropbox.If you prefer not to navigate by hand to the D2L dropbox, take advantage of the dropbox link in the D2L current Assignment section. Or PaaS