IT320 Assignment 08 Template – Version 3.0

**Drupal 9 CMS Website (Basic Pages)**

**Instructions for completing template:**Replace **[bracketed red text]** with the requested information or screen capture.  
Replace **bracketed red text with black text** and then remove the brackets.  
Do not include full screen shot images, or full screen shots that are reduced in size. Use a snippet tool to capture parts of the screen and insert those images into the template.  
Do not remove tags from this template. Please answer all questions.  
**Please do not alter the formatting or delete parts of this template.**  
Assignment questions are not as detailed as activity questions.   
The assignment is where you demonstrate understanding of the material.

**Part A: Student Information**

1. **Student Name: [Umar Khan] [A01]**
2. **Student Email: [ukhan17@depaul.edu] [A02]**
3. **Student Cell: [872-888-5572] OPTIONAL**
4. **What day and date did you start this assignment: [Nov/ 08/ 2021] [A03]**

**Go back to the instructions and begin work on part B.  
  
Part B: Create 1 Shared Web Host, or PaaS Drupal 9 Website**

(1) Shared Web Host Drupal 9 CMS Site Information:

1. Shared Web Host Name: [ Namecheap] [B01]  
   Shared Web Host Site Admin Username: [ ukhan17] [B02]   
   Shared Web Host Site Admin Password: [ 5991D&A22 ] [B03]  
   Domain Name: [ umarkhan.tech] [B04]  
     
   Website Admin Username: [ ukhan] [B05]  
   Website Admin Password: [ \*Rbn8Aae#7pihOEi)r ] [B06]  
   Database Name: [ umarycav\_drupa81 ] [B07]  
   Table Prefix: [drpu\_] [B08]  
   Drupal CMS Website URL: [ <http://umarkhan.tech/mod08assign08> ] [B09]  
   Drupal version built (version.minor.patch): [ 9.2.7][B10]

**-OR-**

(2) Pantheon – Drupal 9 CMS Site Information:

**Drupal Version Built (major.minor.patch): [Drupal version here]**

**Assignment Website Site Name:** **[Site Name here] [B01]**

**WEBSITE Admin Username:** **[Admin Username here] [B02]**

**WEBSITE Admin Password:** **[Admin Password here] [B03]**

**Pantheon Frontend Website URL:** **[Frontend website URL here] [B04]**

**Go back to the instructions and begin work on part C.  
  
Part C: Harden Shared Web Host, or PaaS Drupal Site**

1. SCREEN CAPTURE of the backend Admin toolbar > Configuration > Account settings, with the REGISTRATION AND CANCELATION section visible **[C01]**  
   **[**Graphical user interface, text, application, email

   Description automatically generated**]**
2. Screen capture of the Drupal 8 front-end website > User login page **[C02]**  
   **[**Graphical user interface, application

   Description automatically generated**]**

**Go back to the instructions and begin work on part D.**

**Part D: Answer Template Questions [D]**

**Based on topics covered in IT320 Module 07 and Module 08**

1. What is the purpose of Published check box on the Administration Basic page and Article content template pages? [D01]  
   **[** The purpose of the published check box in content template pages is to make publishing of the content default, so we won’t have to go back and select publish every time.**]**
2. What are the steps to add a new user to a Drupal 9 site? [D02]  
   **[** Admin Toolbar > People > add User > fill out the form > Create New account. **]**
3. What are the steps for finding, validating, installing, and activating a new DEFAULT Drupal 9 front-end client-facing theme? [D03]  
   **[** First check if it supports the version of Drupal 9 that you are using. Make sure it has steady release. Check for dependencies and issues. Check reviews and reported site usage. **]**
4. What are the steps for finding, validating, installing, and activating a new Drupal 9 back-end administration theme? [D04]  
   [ First check if it supports the version of Drupal 9 that you are using. Make sure it has steady release. Check for dependencies and issues. Check reviews and reported site usage.]
5. What are the names of the three (3) types of Drupal modules? [D05]  
   [ Contributed Modules, Core Modules, and Custom Modules. ]
6. What are the names of the 3 files used to create a Drupal 9 custom module? [D06]  
   [
7. module\_name.info.yml
8. module\_name.routing.yml
9. module\_name\_Controller.php ]
10. If a Drupal module project page has the following Requires Drupal [ ^8 || ^9 ] what versions of Drupal can it be installed on? [D07]  
    [ It can either be installed on Drupal 8 or Drupal 9. ]
11. If a Drupal module project page has the following Requires Drupal [ ^8.8 || ^9.0.1] what versions of Drupal can it be installed on? [D08]  
    [ It cannot be installed below Drupal 8.8 and Drupal 9.0.1.]
12. If a Drupal module project page has the following Requires Drupal [ 8.x] what versions of Drupal can it be installed on? [D09]  
    [ It can be installed on all versions of Drupal 8.]
13. If a Drupal module project page has the following Requires Drupal [ 9.x] what versions of Drupal can it be installed on? [D10]  
    [ It can be installed on all versions of Drupal 9.]

**Go back to the instructions and begin work on part E.**

**Part E -** Extend the Shared (or PaaS) Drupal 9 Site with Core Modules

**1. SCREEN CAPTURE of the backend list of Admin toolbar > Extend with Telephone module enabled and visible.   
[E01]  
[**Graphical user interface, text, application, email

Description automatically generated**]**

**2. SCREEN CAPTURE of the backend of Admin toolbar > Structure > Content types > My telephone test   
[E02]  
[SCREEN CAPTURES of the Edit,**

Graphical user interface, text, application, email

Description automatically generated

**Manage Fields,**

Graphical user interface, text, application, email

Description automatically generated

**Manage form display**

A screenshot of a computer

Description automatically generated

**Manage display TABS**

Graphical user interface, text, application, email

Description automatically generated

**]**

**3. SCREEN CAPTURE of the backend of Admin toolbar > Content, filtering for ‘My telephone test’ Content type [E03]  
[**Graphical user interface, text

Description automatically generated**]**

**4. SCREEN CAPTURE of the front-end website, as an anonymous user** after selecting the Main navigation link for one of the three (3) “My telephone test” menu items **[E04]  
[**Graphical user interface, text, application

Description automatically generated**]**

Part F – Create a new Codeanywhere Drupal 9 site

Drupal 9 Version Info:

1. Which website URL did you use to determine the most recent stable version of Drupal 9? **[F01]**

**[** <https://www.drupal.org/project/drupal/releases>

<https://www.drupal.org/project/drupal> **]**

1. Why don’t we build Alpha, Beta or Dev versions of Drupal in this class?  
   **[F02]**

**[**We do not use them in this class because they are unstable versions of Drupal, and they are not recommended to non-technical users. Since they are unstable, they might cause some security issues.**]**

1. Which version of Drupal 9 did you select from the above website when you build the Drupal 9 site on your Codeanywhere account?   
   **[F03]**   
   **[**Drupal version 9.2.7 **]**
2. Did you harden your Drupal 9 site on Codeanywhere? **[F04]**   
   **[**Yes**]**
3. Codeanywhere account info:  
   So your instructor can login to your account and start the container
   1. **Codeanywhere account Username (email): [F05]** **[** umarkhant95@gmail.com**]**
   2. **Codeanywhere account Password:** **[F06] [** 5991D$A22 **]**
4. Codeanywhere Drupal 9 Website Info:  
   So your instructor can login to your Drupal site as the site admin
   1. **Drupal 9 CMS Website URL:** **[F07] [** <https://uk-assignment-08-umarkhant95351197.codeanyapp.com> **]**
   2. **Website Admin Username:** **[F08] [**ukhan **]**
   3. **Website Admin Password:** **[F09] [**\*Rbn8Aae#7pihOEi)r**]**

**Go back to the instructions and begin work on part G.**

Part G - Extend the Codeanywhere Drupal 9 Site with a Custom Module

1. SCREEN CAPTURE of the Codeanywhere file system, showing the Modules folder expanded and the custom module folder fully expanded  
   **[G01]**

**[**A screenshot of a computer

Description automatically generated with medium confidence**]**

1. File name and SCREEN CAPTURE of your custom module info.yml file contents using an ASCII editor  
   **[G02]  
   [**my\_first\_module.info.yml**]**

**[**A screenshot of a computer

Description automatically generated with medium confidence**]**

1. File name and SCREEN CAPTURE of your routing.yml file contents using an ASCII editor  
   **[G03]  
   [**my\_first\_module.yml**]**

**[**Text

Description automatically generated**]**

1. Controller file name and SCREEN CAPTURE of your Controller file contents using an ASCII editor  
   **[G04]  
   [**Controller file name HERE**]**  
   **[**A screenshot of a computer

   Description automatically generated with medium confidence**]**
2. While logged into the Drupal 9 site, Access the custom plugin by adding its path to the end of the site URL then take a SCREEN CAPTURE of Drupal site   
   **[G05]**  
   **[**Graphical user interface, text, application, website

   Description automatically generated**]**

**Go back to the instructions and begin work on part H.**

**Part H – Assignment Wrap up: (REQUIRED)**

Answers to questions 1-3 are required to receive points for this section.

1. **Did you work with a tutor or volunteer on this assignment?   
   [H01]  
   [**No**]**
2. **Did you have any problem or issues completing this assignment?   
   [H02]  
   This is not an optional question.   
   [**No**]**
3. **If you answered yes for #2 above, please elaborate and be specific about the issues or problems you had (other than time management)  
   If you had trouble with a specific section, part, or question, please identify it by number and explain what you did not understand or had problems with below.   
   [H04]   
   \*Required if you answered Yes above – Otherwise optional  
   [**Problem details or list of details here**]**
4. **If you answered yes for #2 above, did you contact the instructor or tutor for help and if not, your reasons why?   
   [H03]  
    [**Yes or No Answer and explanations here**]**