**Assignment 06 Template – Version 4.0**

**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 Contact Information: [ Email:** [**ukhan17@depaul.edu/**](mailto:ukhan17@depaul.edu/) **Phone: 872-888-5572 ] [A02]**
3. **What day and date did you start this assignment: [ Oct/ 22/ 2021 ] [A03]**

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

**Part B - Create 1 Shared Web Host + cPanel WordPress CMS Website**

(1) Shared Web Host WordPress CMS Site Information:

Shared Web Host Name: [ Namecheap ] [B01]  
Shared Web ULR: [ namecheap.com ] [B02]  
Shared Web Host Site Admin Username: [ ukhan17 ] [B03]   
Shared Web Host Site Admin Password: [ 5991D&A22 ] [B04]

Website Admin Username: [ ukhan ] [B05]  
Website Admin Password: [ \*Rbn8Aae#7pihOEi)r ] [B06]  
Database Name: [ umarycav\_wp28 ] [B07]  
Table Prefix: [ wpyp\_ ] [B08]  
WordPress CMS Website URL: [ <https://umarkhan.tech/assignment06/> ] [B09]

-OR-

(2) Pantheon – WordPress CMS Site Information:

**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 - Extend the WP Site Content**

1. SCREEN CAPTURE of the backend WordPress **[Dashboard > Home]**With the web browser address bar and the Home “At a Glance” section visible. **[C01]  
   [** A screenshot of a computer

   Description automatically generated**]**
2. SCREEN CAPTURE of the backend WordPress **[Dashboard > Appearance] [C02]  
   [** Graphical user interface, website

   Description automatically generated**]**
3. SCREEN CAPTURE of the backend WordPress **[Dashboard > Appearance > Menus] [C03]  
   [** Graphical user interface, text, application, email

   Description automatically generated**]**
4. SCREEN CAPTURE of the backend WordPress **[Dashboard > Pages] [C04]  
   [** Graphical user interface

   Description automatically generated with low confidence**]**
5. SCREEN CAPTURE of the backend WordPress **[Dashboard > Posts] [C05]  
   [** Graphical user interface, application

   Description automatically generated**]**

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

**Part D – Create a new MySQL Table named Employee**

1. On phpMyAdmin, select the correct MySQL Database for this WordPress site
2. Select the employee table
3. Select the Structure TAB and take a SCREEN CAPTURE of the **Employee table structure  
    [D01]   
   [** Graphical user interface, text, application, email

   Description automatically generated**]**

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

**Part E: Add Records to the Employee table**

1. On phpMyAdmin, select the correct MySQL Database for this WordPress site
2. Select the employee table
3. Select the Browse TAB and take a SCREEN CAPTURE of the **employee table records[E01]  
    [** Graphical user interface, application

   Description automatically generated **]**
4. Open the downloaded employee.sql backup file in an ASCII editor and take a screen capture of the .sql backup file contents. **[E02]**

**[**Text

Description automatically generatedText

Description automatically generated **]**

1. **If you are unable to export or download the employee table, please describe the issues you experienced and the steps you took to resolve this issue below:  
   [E03]**

**[ I had no issues exporting the employee table.]**

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

**Part F - Create and deploy a WordPress Custom Plugin**

**1. Take a** SCREEN CAPTURE of the **backend** **[Dashboard > Plugins] with ALL plugins including the employee plugin visible.  
Remember to verify that you have disabled any cache plugins.  
[F01]  
[** Graphical user interface, text, application

Description automatically generated**]**

**2. Take a** SCREEN CAPTURE of the **backend** **[Dashboard > Themes > Menus] [F02]  
[** Graphical user interface, text, application, email

Description automatically generated**]**

**3. Open the custom plugin code in an ASCII editor and take as many captures as you need to capture the entire PHP file contents.**For full credit you must capture and post the entire PHP plugin file contents. **Paste the** SCREEN CAPTURES of the **custom Plugin in the area below.  
[F03]  
[** Text

Description automatically generatedText

Description automatically generated**]**

**4. SCREEN CAPTURE of the frontend** of the website showing your working custom plugin selected from the menu **[F04]  
[** Graphical user interface, table

Description automatically generated**]**

**Go back to the instructions and begin work on part G.  
  
Part G – Advanced CMS Security – Salting Keys:**

1. What does it mean to salt keys and why does it improve CMS website security? **[G.1]**

**[ Salt keys are meant to keep the site’s credentials protected all the time. It improves the security because it encrypts the credentials, making almost impossible for hackers to get the right credentials.]**

1. After reviewing the WordPress Salt Shaker plugin, write a few sentences about what this Salt Shaker plugin does to improve WordPress security. **[G.2]**

**[** **The Salt Shaker plugin improves the WordPress security by scrambling the passwords into an irrelevant string of character that makes it harder to break down. It also provides manual and automatic schedule for changing keys on daily, weekly, and monthly basis for even better protection.** **]**

1. Would you install this plugin on a current WordPress site and if so, why? Please be sure to mention how best practices worked into your decision **[G.3]**

**[** **I would install the Salt Shaker plugin to WordPress site because it increases the security of the site and it is compatible with the version of my WordPress, it has more than 10,000 installations, a 4.5-star rating, and it’s been maintained**.**]**

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

**Part H – Assignment Wrap up:**

1. **Did you have any problem or issues completing this assignment?  
   This is not an optional question.   
   [H01] [ No ]**
2. **If you answered yes to this question, please elaborate and be specific.  
   If you had trouble with a specific question, please identify it by number and explain what you did not understand or had problems with.  
   I can only improve this assignment with your help.   
   Only if you answered yes above.**

**[H02]   
[List problems here]**

Submit this completed template to the correct D2L assignment dropbox.If you prefer not to navigate by hand to the D2L dropbox, take advantage of the dropbox link in the D2L this module’s section. This link will take you to the correct assignment dropbox location.