IT299

Assignment 6

Outcomes addressed in this Assignment:

Unit Outcomes:

Web/Networking/Programming:

- Begin development of the project product described in the design specification
- Determine the process for implementing the design
- Identify risks and mitigate those risks
- Implement the design specification from earlier units

IT Project Manager:

- Describe the unplanned event that causes a problem with the project plan
- Determine a solution so that the project has the best chance at success

Course Outcomes:

IT299-1: Technical Skills: Use technical skills and methods to solve problems.

IT299-3: Application: Design technology applications.

Implementation Planning or Scenario

For this Assignment, students with networking, programming, or Web development emphasis will create an implementation plan that will be developed in Units 7 and 8. IT Project Managers will pick a scenario and discuss how this scenario will affect budget, timeline, results, and more.

For this project, people in the emphasis areas will be doing part one of an implementation plan. IT Project Managers will be updating their report given the scenario that is detailed into their project.

Before you begin development work, you need to produce an implementation plan detailing how you will move from the design specification to a deployed and functional technology solution. Your Implementation plan should be at least 3–5 pages and it is due next week in Unit 8.

IT Project Managers must choose one of the scenarios listed below and discuss how this decision will affect your budget, timeline, and results of the project. This will be explained in a report. This part of the project is also covered during the implementation plan as well.
However, it is important to note that much scope creep can occur during this phase. This is also a 3–5 page paper; APA formatted with appropriate references and will be due next week in Unit 8.

Here are the scenarios. Please pick one for your report:

1. Project team member quits
2. Reduced Budget funding by 10%
3. Project deadline has changed. The date is now one month earlier.

Be sure to include any modifications you agreed to in Unit 5. (If in doubt, consult with your instructor before you complete the work!)

The following sections briefly review the four projects and discuss what needs to be in the implementation plan for each of them.

2. Networking Capstones Project

Working from the design specification, develop a networking diagram for the Photography Company Scenario. This network must meet the requirements described in the initial project descriptions in Unit 1.

The Networking Implementation Plan

Write a 3–5 page implementation plan outlining how this network will be implemented. In the paper, discuss the topology (both logical and physical) of the network, network operating system, creation of user accounts, and security concerns. Discuss how the sites should be interconnected, where the main data store will be located, how the sites will connect to it, and what security measures will be implemented.

3. Programming Capstone Project

Develop a prototype of the application Photography Company which can be used to track client attendance. The final program must meet the client's desires as outlined in Unit 1 and any additional requirements that have been added through the development review process. The prototype must show what the functionality of the completed application will be, though as a prototype the application does not need to be fully coded and complete.

The Programming Implementation Plan

Write a 3–5 page implementation plan outlining the development process you followed in developing the prototype and discussing how you would move from prototype to completed software system, including your plan for user acceptance testing and client training.

Website Capstone Project
Develop a 4–6 page prototype website for the Photography Company, including a new homepage and links to separate pages for customer service chats, shopping cart orders, online payments, and the other features as outlined in Unit 1, along with any additional requirements that have been added through the development review process. The website does not need to be complete in terms of content, but must include (as a minimum) page layout, placeholders for graphics and text, working links to the other pages, a navigation bar, etc. You may complete your website using HTML or any Web development software you have learned in your courses. The website can be published to a Web server on the Internet. Many ISPs allow you to host a website for free.

The Website Implementation Plan

Prepare a 3–5 page implementation plan outlining the Web design principles you employed in creating the website, and explaining how the finished website would be implemented.

IT Project Manager Capstones

Develop a 3–5 page report on the unplanned event that you picked, and the approach and methodology chosen to keep the project on track.

Directions for Submitting Your Assignment:

Compose your Assignment in a Microsoft Word document and save it as IT299_YourName_Unit_X.doc and submit it to the Dropbox for this unit.

Written Assignment Requirements

Answers or website materials contain sufficient information to adequately answer the questions and contain no spelling, grammar, or APA errors. Points deducted from grade for each writing, spelling, or grammar error are at your instructor’s discretion.

Please be sure to download the file “Writing Center Resources” from Doc Sharing to assist you with meeting APA expectations for written Assignments.

Review the grading rubric below before beginning this activity.
Assignment 6 grading rubric = 50 points

<table>
<thead>
<tr>
<th>Web/Networking/Software Project Assignment Requirements</th>
<th>Points Possible</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Submitted implementation plan one.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Created an implementation plan document based on emphasis area.</td>
<td>0-25</td>
<td></td>
</tr>
<tr>
<td>b. Submitted document that is 3–5 pages long not including the title page and reference page.</td>
<td>0-25</td>
<td></td>
</tr>
<tr>
<td>Total (Sum of all points)</td>
<td>0-50</td>
<td></td>
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</tbody>
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Less - points deducted for spelling, grammar, and APA errors. Plagiarism is totally unacceptable.

<table>
<thead>
<tr>
<th>IT Project Manager Assignment Requirements</th>
<th>Points Possible</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Submitted unplanned event solution document</td>
<td></td>
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</tr>
<tr>
<td>a. Created a solutions document to address the unplanned event.</td>
<td>0-25</td>
<td></td>
</tr>
<tr>
<td>b. Submitted document that is 3–5 pages long not including the title page and reference page.</td>
<td>0-25</td>
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Adjusted Total Points