

## **Project: Software Development Methodologies Compare**

### **Overview**

This homework will allow you to demonstrate your understanding of the various software development methodologies.

### **Assignment Details**

The week 1 content readings provided several software development methodologies including Traditional, Agile, DevOps and Secure Development Lifecycle. Select two of these overarching methodologies to compare and contrast.

When comparing, talk about the high level concepts, and as applicable, key terms (e.g. continuous delivery if you selected DevOps) of each. Then, drill down to discuss some specific models. For example, if you selected Traditional, you would probably talk in more detail about the Waterfall or Iterative models. If you selected Agile, you would talk more about Extreme Programming or other models.

Be sure to discuss similarities and differences as well as advantages and disadvantages for the two overarching methodologies you selected.

**Page Length:** The document, including the Title page, should be between 5 and 8 pages.

### **Deliverable**

You should create a word or PDF document with your report on software development methodology comparison. The document should be well-written, contain minimal spelling and grammar issues, uses your own words, and include references (in APA style) for all sources you used to support your work.

The paper should be double-spaced on standard-sized paper (8.5" x 11"), with 1" margins on all sides. You should use a font consistently throughout the paper. APA recommends using either a sans serif font such as 11-point Calibri, 11-point Arial, or 10-point Lucida Sans Unicode, or a serif font such as 12-point Times New Roman, 11-point Georgia, or 10-point Computer Modern.

Be sure to include your name, date and course number on the document in the title page. Page numbers should be included on the top right of each page of the document except the title page. Graphics, figures, or tables should be used to enhance your report and be labeled and explained.

### Grading Rubric

Attribute	Meets
Software Development Methodology Comparisons	<p><b>80 points</b></p> <p>Selects two of these overarching methodologies to compare and contrast.</p> <p>Talks about the high level concepts, and as applicable, key terms.</p> <p>Drills down to discuss some specific models.</p> <p>Discusses similarities and differences</p> <p>Discusses advantages and disadvantages for the two overarching methodologies you selected.</p>
Documentation	<p><b>20 points</b></p> <p>Document is well-written, contains minimal spelling and grammar issues.</p> <p>Document uses your own words.</p> <p>Includes references (in APA style) for all sources you used to support your work.</p> <p>Document is double-spaced on standard-sized paper (8.5" x 11"), with 1" margins on all sides using APA recommended Font and size.</p> <p>Includes your name, date and course number on the document in the title page.</p> <p>Page numbers should be included on the top right of each page of the document except the title page.</p> <p>Graphics, figures, or tables should be used to enhance your report and be properly labeled and explained.</p>