

Project: Secure Software Design

Overview

This assignment will allow you to demonstrate your understanding of guiding principles in secure software design.

Assignment Details

Secure Software Design Principles are found in the Architecture and Design Pocket guide that was part of this week's readings. In this document, table 1 provides guidance for enhancing the development Life Cycle to Produce Secure Software.

Using the table as a guide, conduct research on the general principles in order to expand the existing information with more specific examples and practices. You need to dig deep to understand beyond the surface to the point where you can provide specific implementation details where possible.

Provide discussion on 3 of the "General Principles" and 5 out of the 14 "Key Practices" benefits/examples. You should expand upon what is in the table. (i.e. don't use examples from table verbatim). Pick an assortment of Key Practices at least 1 from each General Principle. Your report should be well-organized and provide references for all resources used.

Deliverable

You should create a word or PDF document with your report on secure software design guiding principles. The document should be well-written and include references for all sources you used support your work. Be sure to include your name, date and course number on the document in the title page. Page numbers should be included on each page of the document.

Grading Rubric

Attribute	Meets	Does not meet
Secure Design	80 points Expands the existing design information with more specific examples and practices. Provides specific implementation details. Discusses 3 of the general design principle and provides benefits and expanded examples on 5 key practices.	0 points Does not expand the existing design information with more specific examples and practices. Does not provide specific implementation details. Does not discuss 3 of the general design principle or provide benefits and expanded examples on 5 key practices.
Documentation	20 points Document contains minimal spelling and grammar errors. Document includes page numbers.	0 points Document contains multiple spelling and grammar errors. Document does not include page numbers.

	<p>References included using APA style.</p> <p>Title page includes Name, date and course number.</p>	<p>References were not included.</p> <p>Title page missing or did not include name, date and course number.</p>
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