**CMU SE 17-627 Software Security Engineering**

Homework Assignment #3

**Nancy Mead Due: Date shown in syllabus**

**READINGS:**

Mead/Shoemaker/Ingalsbe papers

Software Security Engineering Chapter 4

**DISCUSSION/EXERCISE:**

Objectives:

* Evaluate risk assessment methods
* Determine whether risk assessment influences priorities of security requirements

Assignment:

1. You have seen a number of risk assessment methods, some specialized for security and some not. Which of these do you think works the best and why? Consider at least 3 different methods in your assessment.
2. Using your selected method from part 1, revisit SQUARE step 8 (prioritization) for your case study project. Does the risk assessment cause you to change your priorities? What are the changes and the rationale?
3. When do you think your selected method should be applied? As part of planning? Requirements engineering? Architecture?
4. Turn this assignment in on Blackboard BEFORE the next class.