

Software Engineering, EOSF322, Fall 2019
Chapter 1 & 2, Quiz, Aug. 28

Name _____

1. In the field of software engineering, requirements are things that must be true of the software.

True False

2. Tell if the following is a:
 - functional requirements (FR)
 - non-functional requirement (NFR) or
 - design constraint (DC)
 - a. All pages of this application must load on average within 10 seconds when accessed from a computer connected to the campus network. Measurements will be taken using the iWebTool Speed Test (www.iwebtool.com, website speed test).
 - b. No faculty or staff member spends longer than 10 minutes figuring out how to complete a task of the application
 - c. AbOut utilizes a MySQL database to store information relating to administrators, faculty members, students, and student grades. Additionally, PHP is necessary to serve the dynamically changing contents of the AbOut web-based system.
 - d. No more than five experimental runs out of 1000 can be lost because of software failures.
 - e. The tester shall incorporate a USB port to allow the user to connect any measurement device that has a USB connection

3. Determining whether the developers are building the correct system for the client is:

Validation testing Verification testing

4. Determining whether the developers are building the system correctly is:

Validation testing Verification testing

5. What are major coordination efforts mentioned in Chapter 2. (There are 3 of them.)