October 31, 2024

Subject: System Integration and Architecture   Course: BA 3101 / SM 3102 / BA 3102
Thursday:7:00am – 10L00am/12:00nn – 2:00pm / 4:00 – 7:00pm

Direction: Provide responses to each question using examples and references. Keep your answers concise yet detailed, aiming for a word count of approximately 200-300 words per question.

Case Study Analysis:

- Research a case study of a real-world software project that involved acceptance testing by system customers. Describe the testing process, any issues uncovered during acceptance testing, and how customer feedback was incorporated into the final product.

1. Briefly describe the main stages of software testing: *unit testing, integration testing, system testing,* and *acceptance testing*. Include the goals of each stage and how they contribute to the overall reliability and quality of a software product

2. Describe *acceptance testing* and its importance in software development. Explain how acceptance testing differs from system testing and why it is often considered the final stage before release.

3. Identify and describe different types of acceptance testing, such as *user acceptance testing (UAT)*, *operational acceptance testing (OAT)*, *contract acceptance testing*, and *regulatory acceptance testing*. Explain when each type might be used and what it aims to achieve.

Prepared by:

Sir Loy Floro
Instructor 1