Software Engineering Assignments

TE (A and B)

Assignment No 1.

Q1. Explain the Umbrella Activity of Software Process?

Q2. Decide one topic for the Software Engineering process and describe & Design

the phases in short as per the SDLC.

Q3. Suppose you are involved in a large project concerning the development of patient planning systems for a hospital. You may opt for one of two strategies. The first strategy is to start with a thorough analysis of the user requirements, after which the system is built according to these analysis phase, after which a pilot version is developed. This pilot version is guided by the experience gained in working with pilot version. Discuss the pros and cons of both strategies. Which strategy do you favor?

Assignment No 2.

Q1. Design a Use case Diagram for pizza hut system. Explain the main actors in it.

Q2. Design a Use Case Diagram, Class Diagram and Activity Diagram for Safe Automation system describe all the points in detail.

Q3. Continue the topic take Assignment 1(Q.2), and develop use case diagram, activity diagram and class diagram for it.

Assignment No 3.

Q1. Write a short note on following?

      a. Matrix
      b. Verification
      c. Information Hiding

Q2. Explain User Interface Design and Golden Rules?

Q3. Explain Transform Mapping with suitable Example?

Q4. Define and Explain Design Classes?

Q5. Define

      a. Functional Independence
      b. Refactoring

Assignment No 4.

Q1. Define OOP, OOA, and OOD?

Q2. Explain CRC Card with Suitable Example?

Q3. Explain Notational Components of Class Diagram?

Q4. Explain Object Oriented Analysis using Classical Approach?

Assignment No 5.

Q1. Enlist Attributes of Web based systems?

Q2. Explain WebApp Engineering Layers?

Q3. Explain WebApp Engineering Process?

Q4. Explain planning for web Engineering Projects?

Assignemnt No 6.

Q1. What is Project Management?

Q2. What is Risk Management? Explain Risk management Techniques?

Q3. Write a short Note on Agile Planning?

Q4. Explain Testing Concepts for WebApp?

Q5. Explain Test Case and class Hierarchy?

Subject Teacher

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