

Course Name: Software Engineering
Topic: System Modeling
Instructor: Dr. Obuhuma James
Activity: Homework (Topic/Week 7)

Task:

In reference to the requirements engineering process carried out in the homework for topic/week 5, develop the following system models based on the requirements:

1. Context diagram [10 Marks]
2. DFD level 1 [10 Marks]
3. Use case diagram [10 Marks]
4. Class diagram [10 Marks]