MEPCO SCHLENK ENGINEERING COLLEGE(Autonomous), Sivakasi

Department of Artificial Intelligence and Data Science

19AD691 – PRINCIPLES OF SOFTWARE ENGIINEERING

**Review I Documents**

**Course Instructor : Dr P Thendral**

Prepare the following UML documents for the project you have taken up. Review I will be scheduled just after Theory CAT 1.

1. Scope of the Project//summary of the project
2. Use Case Diagram
   1. Actors
   2. Identify major use cases
   3. Give relations among uses cases and actors
3. Activity Diagram / Swim Lane Activity Diagram
   1. For bigger management such as Hospital management system, you need to create atleast 5 activity diagrams for major use cases identified
   2. For smaller projects all activities should be done
4. Sequence Diagram
   1. For bigger management such as Hospital management system, you need to create atleast 5 activity diagrams for major use cases identified
   2. For smaller projects all sequence diagrams should be shown
5. State Transition Diagram
6. Class Diagram
   1. Identify all classes, attributes, methods and relations among them.
7. Identify Functional Requirements of the Project
8. Identify all Non-Functional Requirements in the Project //UI
9. Prioritize the Use cases (High, Low and Medium)