

MIT WORLD PEACE UNIVERSITY

Software Engineering and Testing
Second Year B. Tech, Semester 4

PERFORMING SECURE SYSTEMS
ANALYSIS AND DESIGN
DRAWING DATA FLOW DIAGRAMS (LEVEL 0, 1, 2)

ASSIGNMENT 2

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1 Aim

Object Oriented Analysis and design using UML diagrams: Draw Use case and Class Diagram using Open-Source Tool.

2 Objectives

The tasks we have to do are:

1. You will have to identify the main entities (objects) for this system.
2. You will have to find out the relationships between these objects.
3. You will have to find the necessary attributes and functions that need to be associated with each object to implement the functionality mentioned above.
4. You will make a final comprehensive diagram show and all objects and their relations along with their attributes and functions.

3 Problem Statement

Draw UML Use Case Diagram and for The Following Problem:

The Purpose of an Attendance Assistant App is to help reduce the time taken for recording the attendance of a classroom in a school or college. The app will be able to record the attendance of a class in a matter of a few Seconds with minimum Energy Expended. It will record data on cloud, and be accessible to all the Teachers.

4 Theory

5 Conclusion

6 FAQ