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**Department of**

**Computer Science and Engineering**

**Lab Report - 07**

Course No. : CSE-308

Course Title : System Analysis and Design Laboratory

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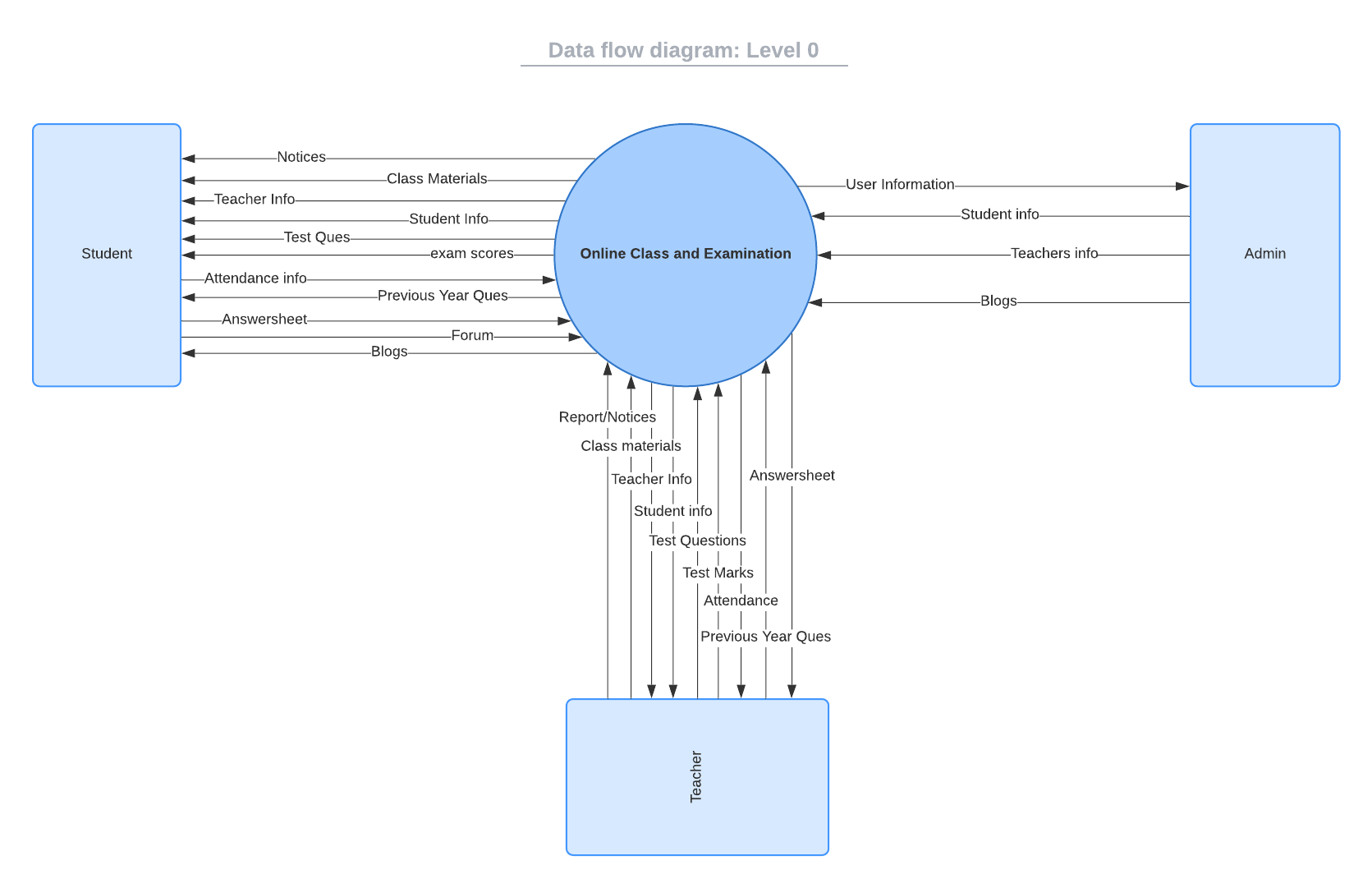
**Experiment No.:** 07

**Title:** Data Flow Diagram Level 0 and Level 1 for Online Class & Examination System.

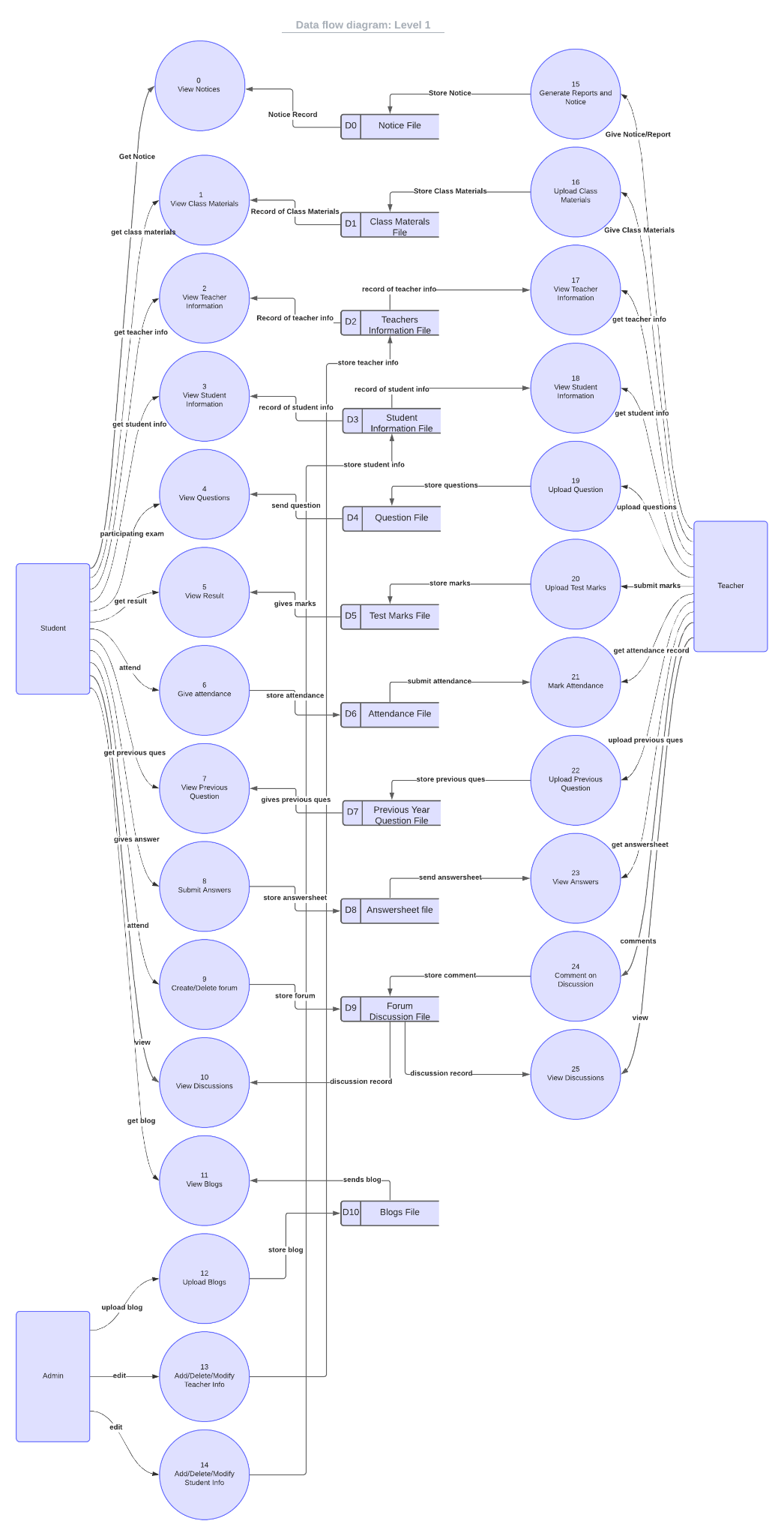
**Objective:** To create data flow diagram level 0 and level 1 for selected project.

**Procedure:**

1. **Data Flow Diagram Level 0:**
   1. We open a tool to create the DFD level 0 diagram.
   2. We identify what the system and entities will be.
   3. We link between the system and entities.
   4. We name the connections for the actions if needed.
   5. **Diagram:**



1. **Data Flow Diagram Level 1:**
   1. We open a tool to create the DFD level 1 diagram.
   2. We identify what the entities, methods and data storage will be.
   3. We link between the entities and methods. Also methods and data storages.
   4. **Diagram:**



**Discussion:** From this project we got to learn about data flow diagram level 0 and level 1. DFD level 0 reflects an abstraction view, showing the system as a single process with its relationship to external entities. It represents the entire system as a single bubble with input and output data indicated by incoming/outgoing arrows. In DFD level 1, there are the main functions of the system and break down the high-level process of 0-level DFD into subprocesses.