**ASSIGNMENT NO.:1**

**Aim:** Design an ER diagram for different Case Studies.

**Objective:** To study concepts of an ER diagram and draw ERD for real world problem statements

**Theory:**

*Points: Definition of Entity, Entity Set, and Relationship set*

*Include Table with*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr.No.** | **Component Name** | **Pictorial Representation** | **Description** | **Example** |
| 1 | Entity Set |  | .  .  .  .  . |  |

Extended Entity Relationship*:[Explanation must include 3 parts Description , Pictorial representation and example}*

1. Specialization
2. Generalization
3. Aggregation

**Input:** Problem statement batch wise

**Output: ER Diagram**.

**Platform:** Linux/Windows-version

**Conclusion:** we understood components of ER diagram in detail. Thus ER diagram is helpful in demonstrating snapshot of a complete database system.

**FAQs:**

1. What are different types of attributes?
2. What do you mean by primary key and foreign key?
3. What is a weak entity?