Lab – 8: DB_Project_Assignment_5- ERD To Relational Model, DDL

Lab – 8 01 -Oct-2024	DB_Project_Assignment_5- ERD To Relational Model, DDL
IT615 Database Management System, Autumn'2024; Instructor: minal_bhise@daiict	

Objectives: II) Convert ERD to Relational Model.

III) Create DDL Scripts.

Submission: Each student team needs to upload a **single.pdf** file, which will contain the following things for the specific case study assigned to your group.

1) Relational Model.
2) DDL Script of all tables.

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1. **Mapping E-R Model to Relational Model**
    i.   With the help of mapping rules discussed in the class, map all the entity and relationship sets to the corresponding relational representation.
    ii. Write down all the relations with the schema.
        1. i.e., **R1(A1**, A2, A3,… An).
        2. Make sure to underline the PK attributes.
    iii. Refer to lecture slides/videos for more details.

2. **Create DDL Scripts**
    i.   Express following constraints (if applicable) in DDL:
        1. Domain constraints
        2. Key constraints
        3. Referential Integrity Constraints
        4. Any other constraints