LẠI TRUNG MINH ĐỨC – SE62220  
Class: IA1161  
Subject: Introduction to Database

**LAB 3: High-Level Database Model**

1. **Convert ER Diagram to Relational DB and implement to MS SQLSRV**.
2. ERD 1
   1. Relational Database
      * Employees (EmployeeID, EmployeeRef, Name)
        + FK: EmployeeRef
   2. MS SQLSRV:

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1. ERD 2
   1. RD:
      * Flights (Flight#, FromCode, ToCode, Date)
        + FK: FromCode, ToCode
      * Locations (Code, Name)
   2. MS SQLSRV:

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1. ERD 3
   1. RD:
      * Employees (ID, Name)
      * Products (Code, Name, Price, Date, EmployeeID)
        + FK: EmployeeID
   2. MS SQL:



1. ERD 4
   1. RD:
      * Employee (EmpID, Name)
      * Product (Code, Name)
      * Customer (CustomerID, Name)
      * Sale (EmpID, Code, Quantity, CustomerID)
        + FK: EmpID, Code, CustomerID
   2. MS SQL:

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1. ERD 5
   1. RD:
      * Person (Code, Name)
      * Teacher (PersonCode, Speciality)
        + FK: PersonCode
      * Student (PersonCode, Class)
        + FK: PersonCode
   2. SQL:

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