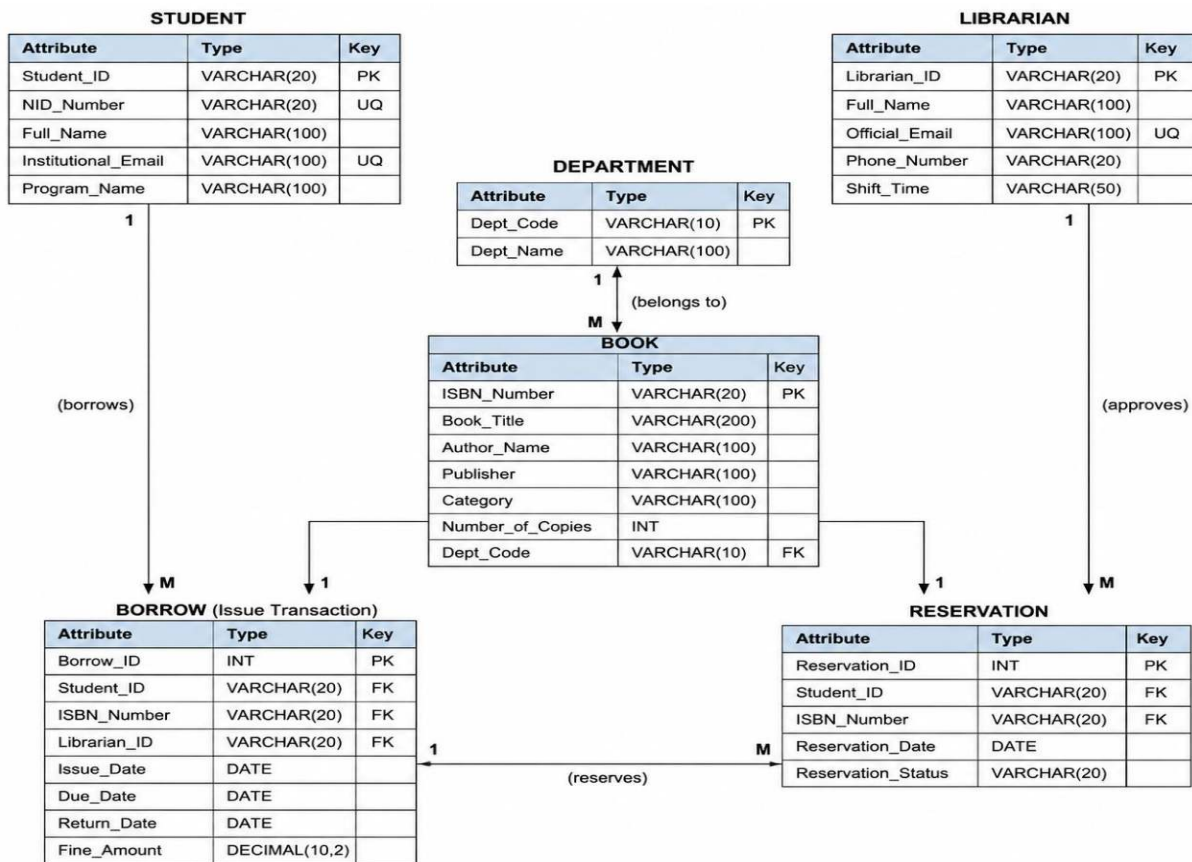


Daffodil International University
Department of Software Engineering
Quiz 1, Summer 2026, Section: 45 H
Course Code: SE223; Course Title: Database System

Marks- 15

⌚ 40 min

Question 1:

- Identify and Illustrate the best suited architecture for to implement the above DIU-Library Management System database and justify your answer (4 marks)
- Regarding the SmartEdu system explain the three levels of the DBMS Three-Schema (4 Marks)
- How Two types of Data Independence has been achieved in the above Scenario, Explain with proper justification. (3 Marks)
- Identify the Super key, Candidate key and alternate key from student table and explain the necessity of PK and FK for above Scenario (4 Marks)