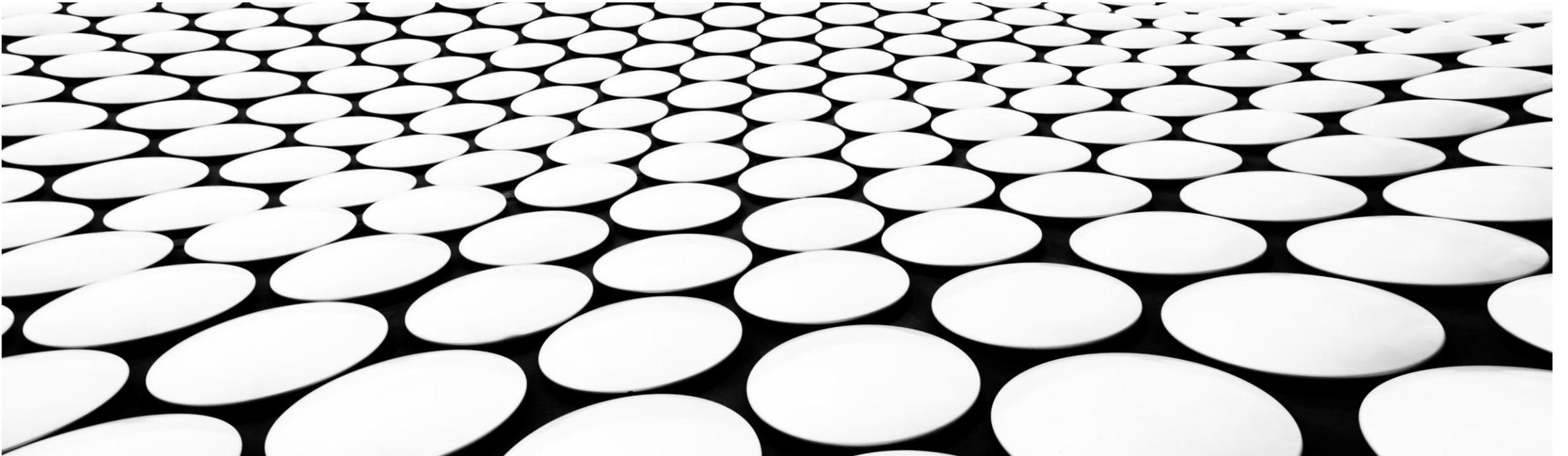


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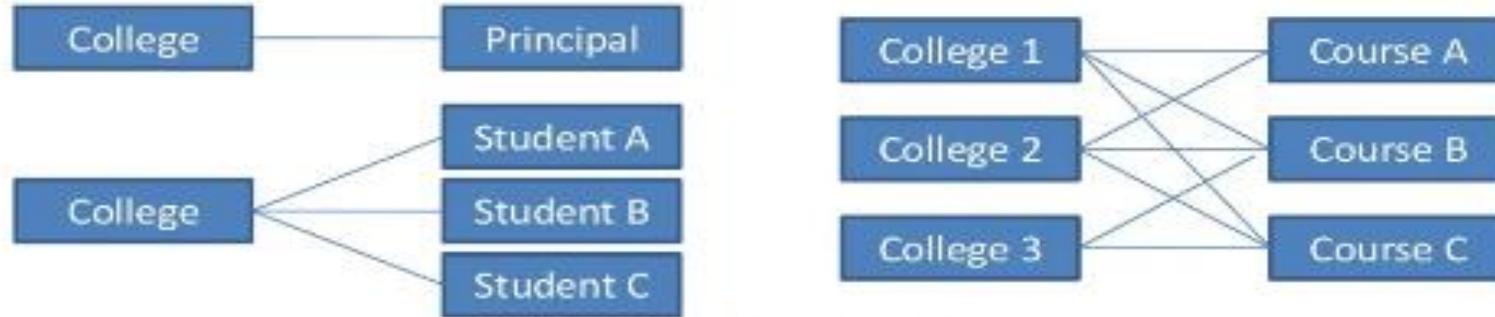
# **DATABASE MANAGEMENT SYSTEM**

CREATED BY :

MD. FORHAD HOSSAIN

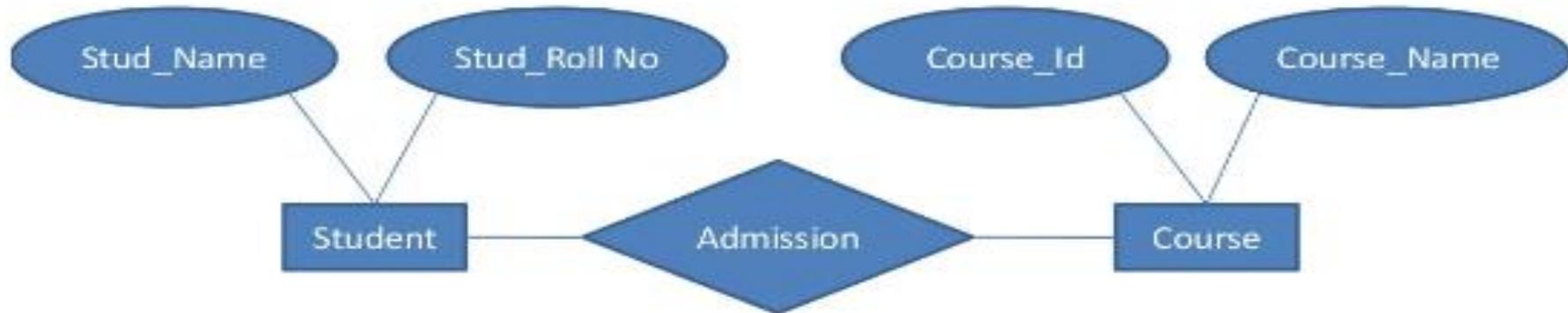


# Entity-Relationship (E-R) Model



Relationships

E-R diagram



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## 2. Representation Model

- Representation of data stored inside a database.
- Describes the physical structure of the database.
- It uses the concepts which are close to the end-users.
  
- Classification:
  - a. Hierarchical
  - b. Relational
  - c. Network

## a. Hierarchical Database Model

- Developed by IBM, is the Oldest database model.
- Represented using a tree-diagram.  
(Parent-child relationship)
- Each box is called a 'Node'
- The nodes represent a record type.
- A line connecting nodes represents the link.





Thank You!

