

# Library Database Management System

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## **4. Entity Relationship Diagram**

Entity-Relationship-DIAGRAM Entity Relationship Diagram is used in modern database software engineering to illustrate logical structure of database. It is a relational schema database modelling method used to Model a system and approach. This approach commonly used in database design. The diagram created using this method is called ER-diagram. The ER-diagram depicts the various relationships among entities, considering each object as entity. Entity is represented as rectangle shape and relationship represented as diamond shape. It depicts the relationship between data object. The ER-diagram is the notation that is used to conduct the data modelling activity.