Data Models for ERP System

Student Records

max width=

Field	Data Type	Description	Example Value
Student_ID	Integer	Unique identifier for each student	1001
Name	String	Full name of the student	John Doe
DOB	Date	Date of birth of the student	2000-05-15
Address	String	Address of the student	123 Main St, City
Phone	String	Contact number of the student	123-456-7890
Grade	String	Grade level of the student	10th Grade

Course Details

max width=

Field	Data Type	Description	Example Value
Course_ID	Integer	Unique identifier for each course	2001
Course_Name	String	Name of the course	Mathematics
Description	String	Description of the course	Algebra and Geometry
Credits	Integer	Credit hours assigned to the course	3
Department	String	Department offering the course	Math Department

Exam Schedules

max width=

Field	Data Type	Description	Example Value
Exam_ID	Integer	Unique identifier for each exam	3001
Course_ID	Integer	Identifier linking exam to course	2001
Date	Date	Date of the exam	2024-05-20
Time	Time	Time of the exam	09:00 AM
Location	String	Location where the exam will be held	Room 101

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          │    Faculty Management Module      │
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          │    Finance Management Module      │────────▶ ╱     Data Models      ╱
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          │    Academic Management Module     │
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          │    Library Management Module      │
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          │       Communication Module        │
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          │  Infrastructure Management Module │
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