Quick tips

Entity relationship diagrams

Entity-relationship diagrams (ERD) are essential to modeling databases. Learn about ER diagram symbols and notation here.

Lucidchart basics

Database shapes

Existing table

Proposed table

User		
PK	ID	INT
	Name	NVARCHAR
	Age	INT
	Gender	INT
	Phone number	NVARCHAR
	Email	NVARCHAR
	Password	NVARCHAR
	Address	NVARCHAR
FK	StateID	INT
FK	CityID	INT
	BloodGroup	INT

StateID		
PK	StateID	INT
	StateName	NVARCHAR

City		
PK	CityID	INT
	CityName	NVARCHAR
FK	StateId	INT

Test		
PK	TestID	INT
	TestName	NVARCHAR
	Price	DECIMAL
FK	DepartmentID	INT

Department		
PK	DepartmentID	INT
	DepartmentName	NVARCHAR

Billing		
PK	BillingID	INT
	AppointmentID	INT
	Amount	DECIMAL
	Date	DATETIME

Appoinment		
PK	AppointmentID	INT
	Date	DATETIME
	TestID	INT
FK	DepartmentID	INT
FK	LabAssistantID	INT
FK	PatientID	INT

LabAssistant		
PK	LabAssistantId	INT
	Name	NVARCHAR
FK	DepartmenetID	INT