

Data Analytics and Immersive Enviroments CA4

Query SQLite Database & E-R Diagram

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2023-01-13

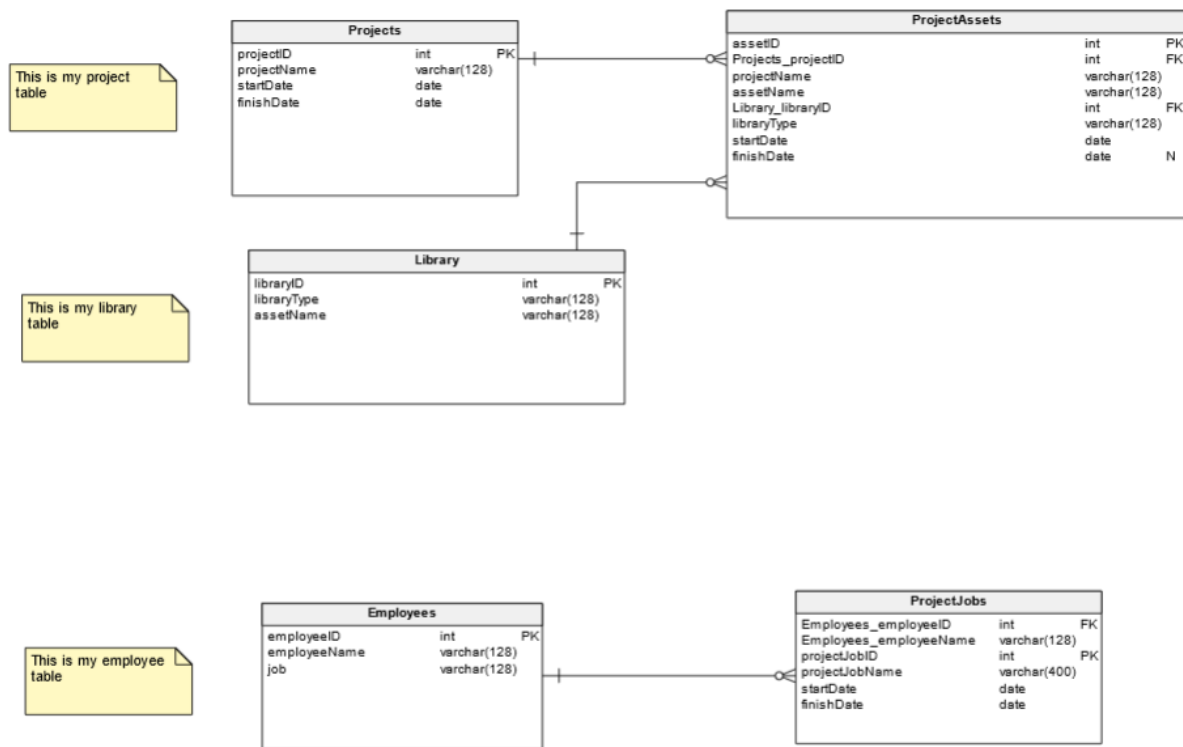


Figure 1: E-R Diagram

Select Everything from Projects Table

projectID	projectName	startDate	finishDate
1	BestGame	2023-01-13	2023-01-18
2	BestGame 2: The Sequel	2023-01-19	2023-01-25
3	Amazing platformer	2023-01-15	2023-01-20

Selecting Distinct Values

Employees_employeeName
John Smith
Mary Meade

Selecting by Employee ID (ID greather than 2)

employeeID	employeeName	job
3	Anna Williams	Sound Design
4	Bill Summers	2D Artist

Selecting Across Date Range (Start date > 01-01-2023 && <17-01-2023)

projectID	projectName	startDate	finishDate
1	BestGame	2023-01-13	2023-01-18
3	Amazing platformer	2023-01-15	2023-01-20

Selecting Using Inner Join

projectName	assetName
BestGame	Main character
BestGame	Enemy character
BestGame 2: The Sequel	Chair
Amazing platformer	Table
Amazing platformer	World

Selecting Using Subselect (Asset ID greater than 1 and library ID less than 5)

assetID	Projects_projectID	projectName	assetName	Library_libraryID	libraryType
2	1	Best Game	Enemy character	2	3D Character
3	2	Best Game 2: The Sequel	Chair	3	3D Prop
4	3	Amazing platformer	Table	4	3D Prop