

</talentlabs>

# CHAPTER 10

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## ER Diagram





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# AGENDA

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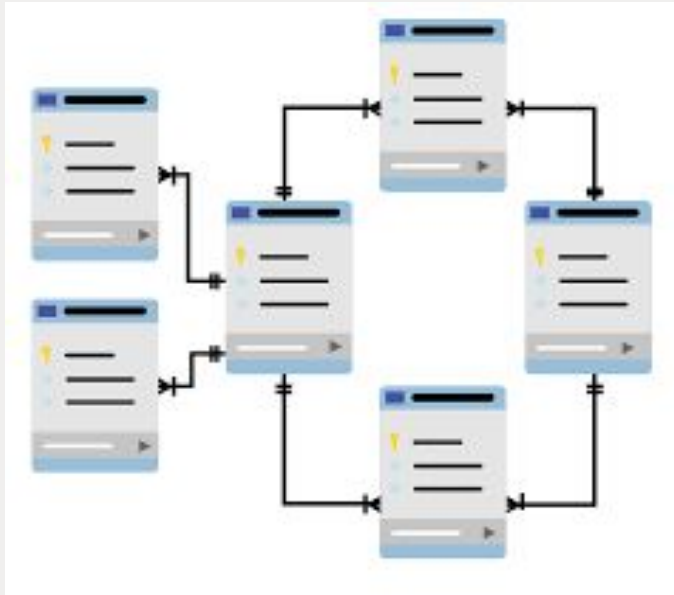
- ER Diagram
- One-to-Many Relationship
- One-to-One Relationship
- Many-to-Many Relationship

# ER Diagram

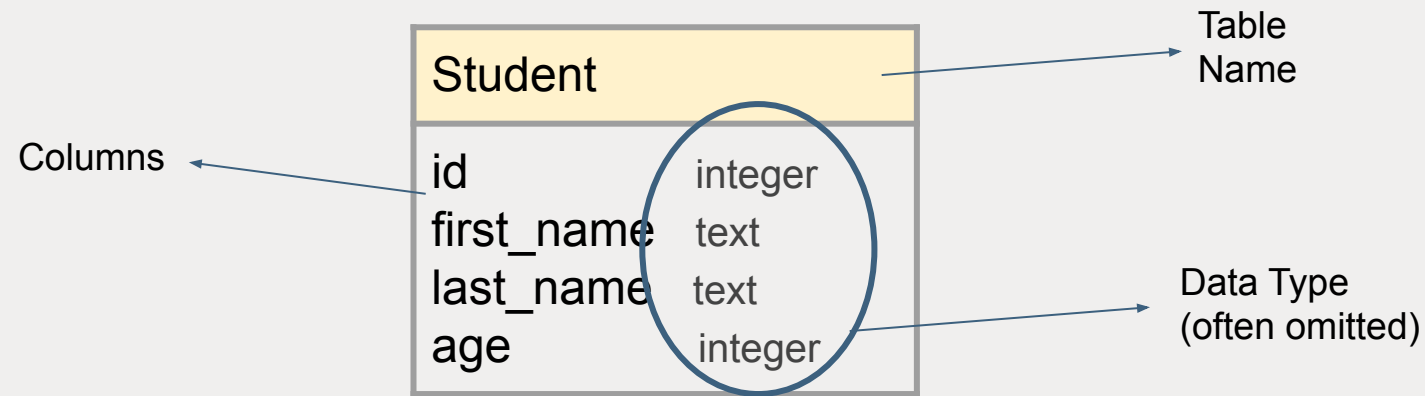


# ER Diagram (ERD)

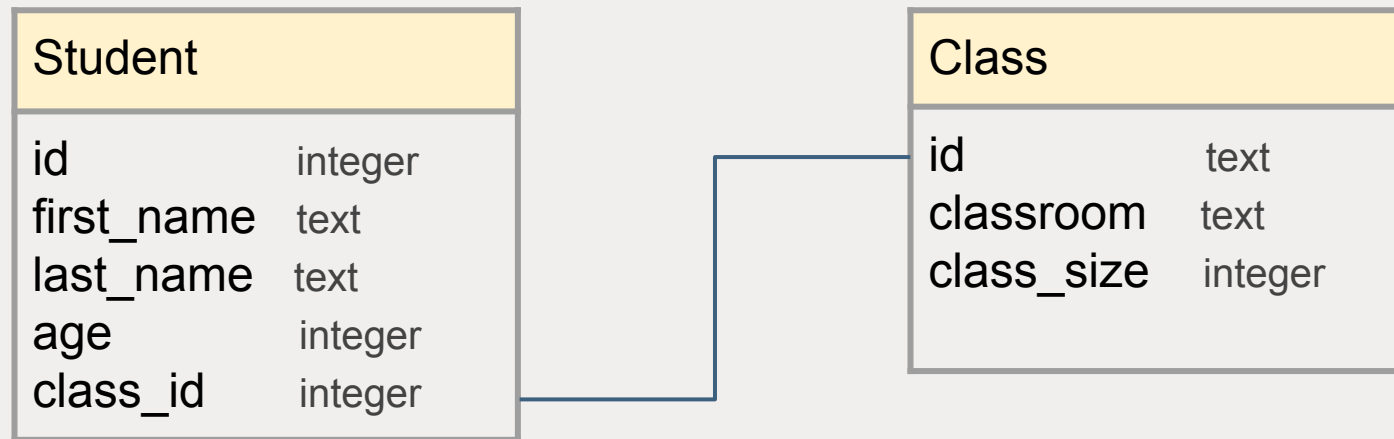
- Entity Relationship Diagram
- Usually for formal design of database
- For anyone who are new to a database can quickly understand the database architecture



# Basic Module of ER Diagram - Table



# Representing Relationship



# One-to-Many Relationship

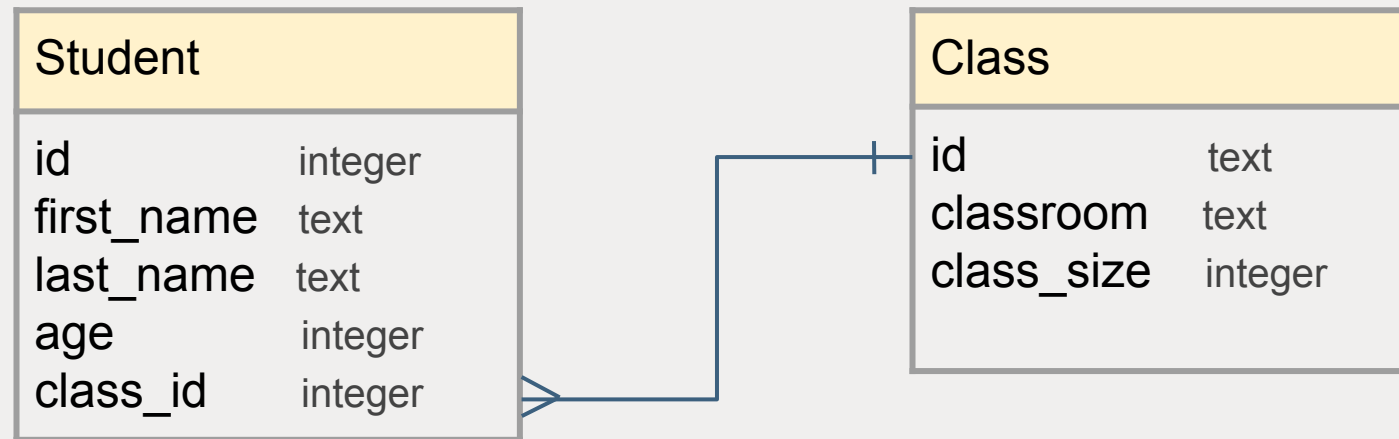


# One-to-Many Relationship





# One-to-Many Relationship



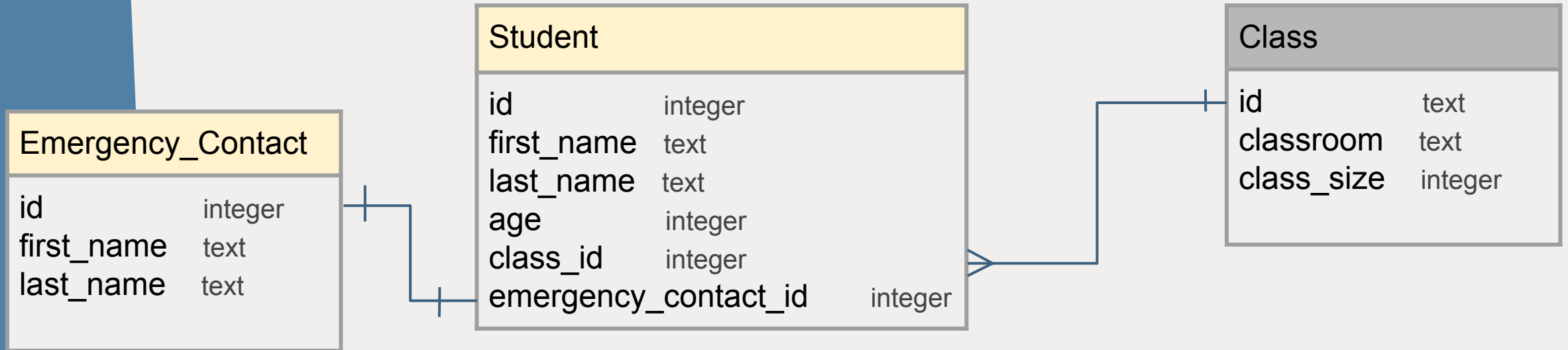
# One-to-One Relationship



# One-to-One Relationship



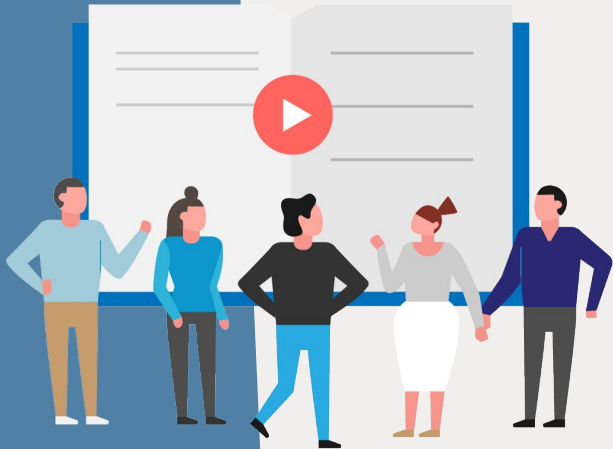
# One-to-One Relationship



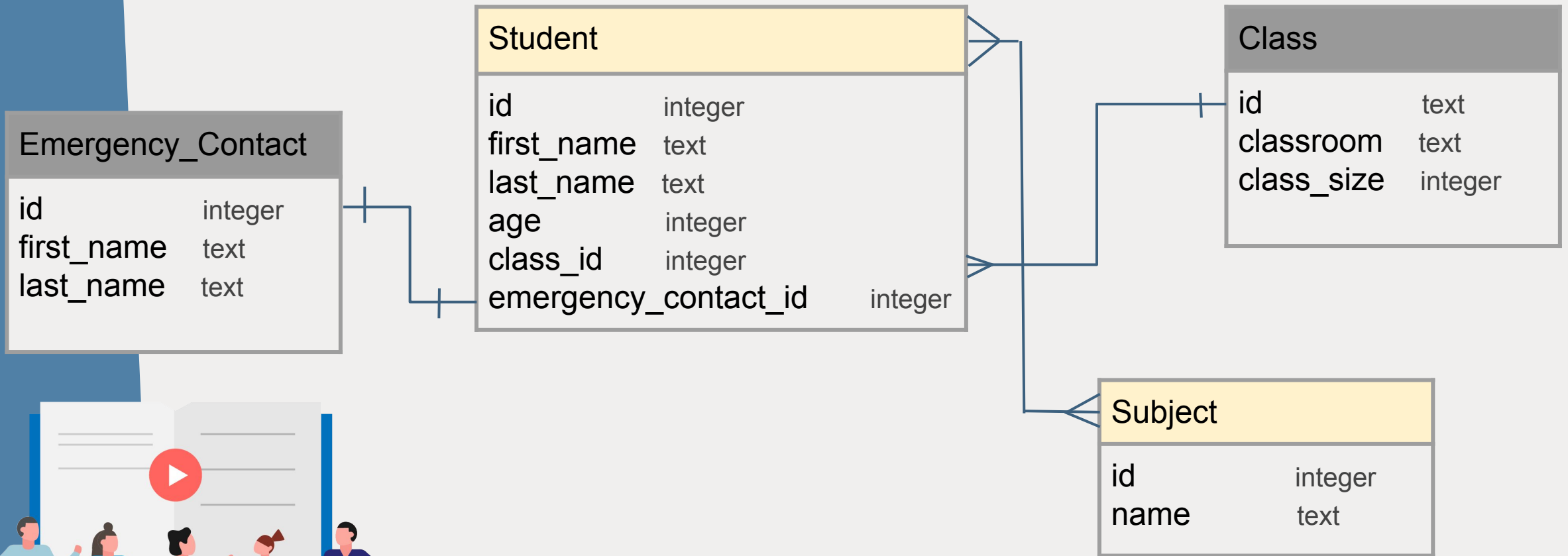
# Many-to-Many Relationship



# Many-to-Many Relationship



# Many-to-Many Relationship (Simple Way)



# Many-to-Many Relationship (Alternative Way)

