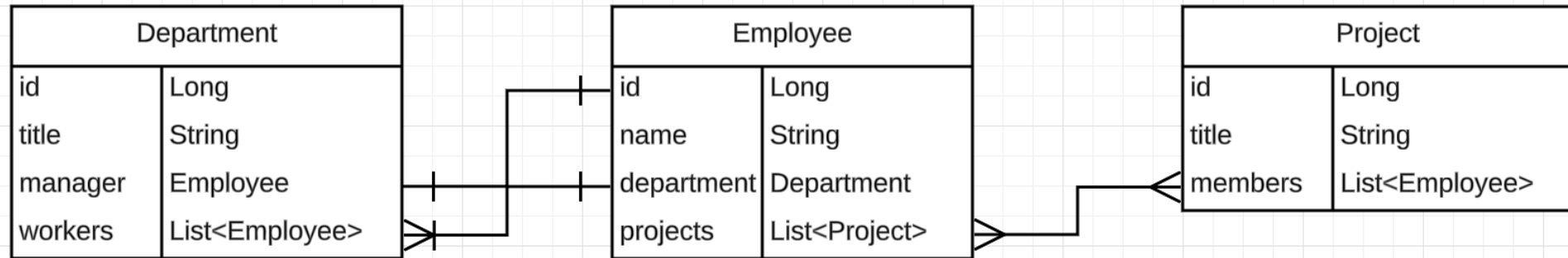


# 3.5

## Mappings - 1





- One Department can have One Manager
- One Department can have many workers

- One Employee can be a worker in One Department
- One Employee can be a manager in One Department
- One Employee can work on multiple Projects.

- One Project can have many Employees working on it.

# Key Concepts of Mappings

- Entity: A class that is mapped to a database table.
- Primary Key: A unique identifier for a database record.
- Foreign Key: A field in one table that uniquely identifies a row in another table.
- Cascade: A set of operations that can be propagated from a parent entity to a related entity.
- Fetch Type: Defines the strategy for fetching related entities (eager or lazy loading).

# Relationship Annotations

- @OneToOne
  - @OneToMany
  - @ManyToOne
  - @ManyToMany
- 
- @JoinColumn
  - @JoinTable

