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Mohammed Abu-Hadhoud
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لا تنسى الاشتراك في قناتنا على اليوتيوب ومشاركة القناة مع اصدقائك
لتعم الفائدة للجميع وانقاذ الاف الناس من التشتت وجزاكم الله خيرا
لا تنسونا من دعائكم وادعو لوالدي بالرحمة
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مهم جداً

هذا الملف للمراجعة السريعة واخذ الملاحظات عليه فقط، لانه يحتوي على اقل من 20٪ مما يتم شرحه في الفيديوهات

الاستعجال والاعتماد عليه فقط سوف يجعلك تخسر كميه معلومات وخبرات كثيره

يجب عليك مشاهدة فيديو الدرس كاملا

لاتنسى عمل لايك ومشاركة القناة لتعم الفائدة للجميع

لا تنسونا من دعائكم

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One-To-Many/Many-to-One Relationship

- When a single element of an entity is associated with more than one element of another entity, it is called a one-to-many relationship

- For example, a customer can place many orders, but an order cannot be placed by many customers.

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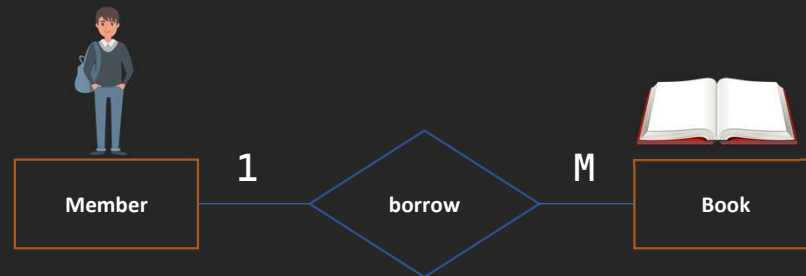26+ years of experience
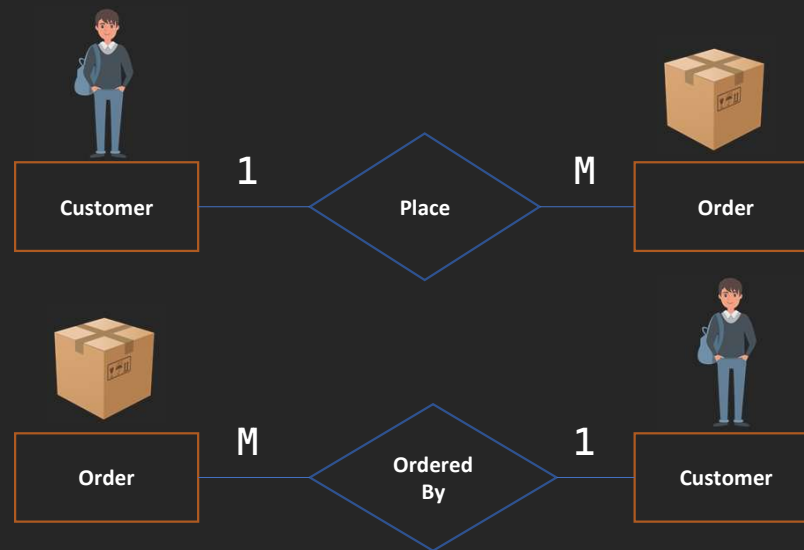
One-To-Many/Many-to-One Relationship

- When more than one element of an entity is related to a single element of another entity, then it is called a many-to-one relationship.

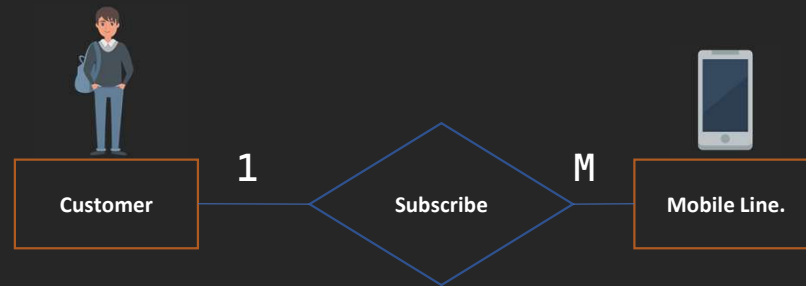- For example, employee can work on a single project, but a project can have many employees.

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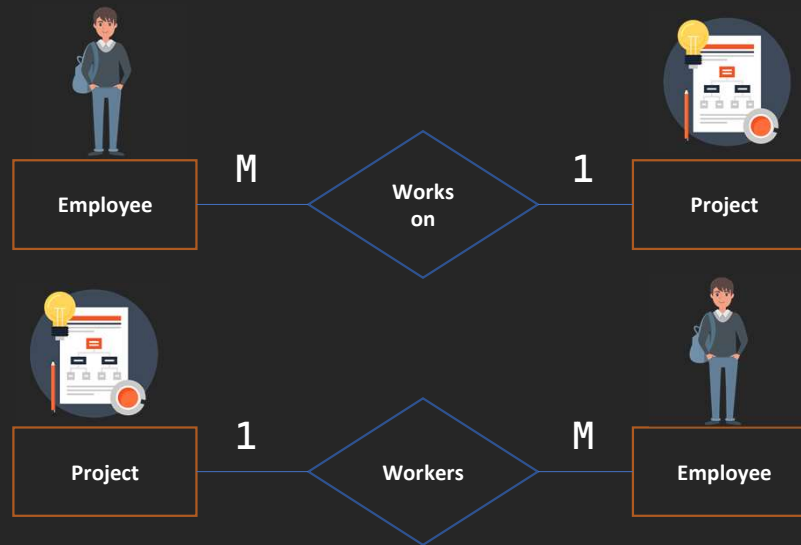
One-To-Many/Many-to-One Relationship

- In the example below, both the Member and the Book are entities, and "borrow" is the relationship between them.

- Member can borrow Many books, and book can be borrowed by one member.

Member   1   borrow   M   Book

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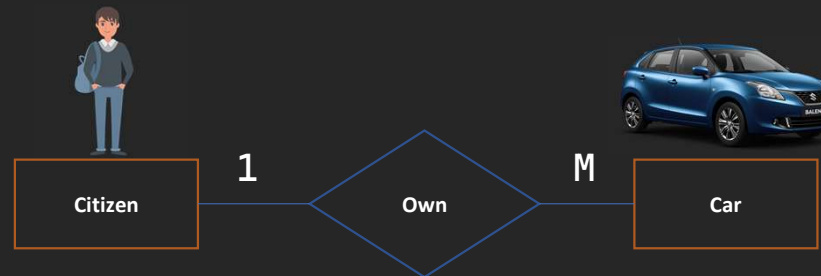26+ years of experience

One-To-Many/Many-to-One Relationship

- In the example below, both the Customer and the Mobile-Line are entities, and "Subscribe" is the relationship between them.

- Each Customer can subscribe to many lines, but each line can only be owned by one.


Customer — 1 — Subscribe — M — Mobile Line.

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One-To-Many/Many-to-One Relationship

- In the example below, both the citizen and the Car are entities, and "Own" is the relationship between them.
- Citizen can own many cars, a car can be owned by one citizen.

Citizen   1   Own   M   Car

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One-To-Many/Many-to-One Relationship

- When an element of an entity is associated with a an element of same entity, it is called self relationship.

- For example, an employee has only one manager and manager can manage many employees.
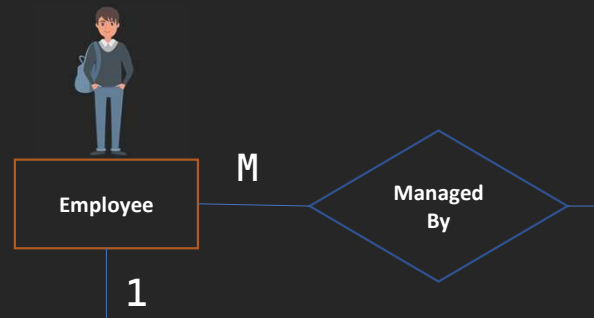
Employees

ID (PK)	Name	Salary	ManagerID (FK)
1	Ahmed	5000	Null
2	Amjad	1500	1
3	Maher	1300	2
4	Alia	500	2

Employee

M

Managed By

1

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Thank You

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