One-to-One (1:1) Relationship					
Each person has one unique passpor	rt. Example ta	bles:			
Person Table:					
		Name Ali Mohamed			
				Passport Table:	
PassportID	PersonID		PassportNumber		
101	1		P1234567		
PassportPerson 1 To 1 Connection: Each person has one unique pass Person.PersonID is connected to One-to-Many (1: N) Relationship		rsonID.			
) Relationship					
A customer can have many orders. Customer Table:	Example table	es:			
CustomerID		Name			
1		Ahmed Y	Ahmed Yusuf		
Orders Table:					

Assignment: Relationships in Databases

OrderID	CustomerID	OrderDate
201	1	2024-01-10
202	1	2024-02-15

Diagram:

Order 1 One to Many

Order 2Customer

Connection: A customer can make many orders, but each order belongs to one customer. Customer.CustomerID is connected to Orders.CustomerID.

3. Many-to-Many (M: N) Relationship

Students can enroll in many courses, and courses can have many students. Example tables:

Student Table:

StudentID	Name
1	Layla Ali
2	Omar Hassan

Course Table:

CourseID	CourseName
301	Math
302	Science

StudentCourse Table:

StudentID	CourseID

1	301
1	302
2	301

Diagram CourseStudent courseStudent M To M $\,$

Connection:

A student can enroll in many courses, and each course can have many students. Student.StudentID and Course.CourseID are both connected to Student Course.