case 1: Company System - UNF table

1NF
Employee Table

EmployeeID	EmployeeName	Department	Manager
E001	Ahmed	IT	Eng. Khalid
E002	Salim	HR	Ms. Amal
E003	Aisha	IT	Eng. Khalid

Project Table

ProjectID	ProjectName	EmployeeID
P101	Website	E001
P102	MobileApp	E001
P103	Recruitment	E002
P102	Mobile App	E003
P104	Database Upgrade	E003

2NF
Employee Table

EmployeeID	EmployeeName	Department	Manager
E001	Ahmed	IT	Eng. Khalid
E002	Salim	HR	Ms. Amal
E003	Aisha	IT	Eng. Khalid

Project Table

ProjectID	ProjectName
P101	Website
P102	Mobile App
P103	Recruitment
P102	Mobile App
P104	Database Upgrade

EmployeeProject Table

EmployeeID	ProjectID
E001	P101
E001	P102
E002	P103
E003	P102
E003	P104