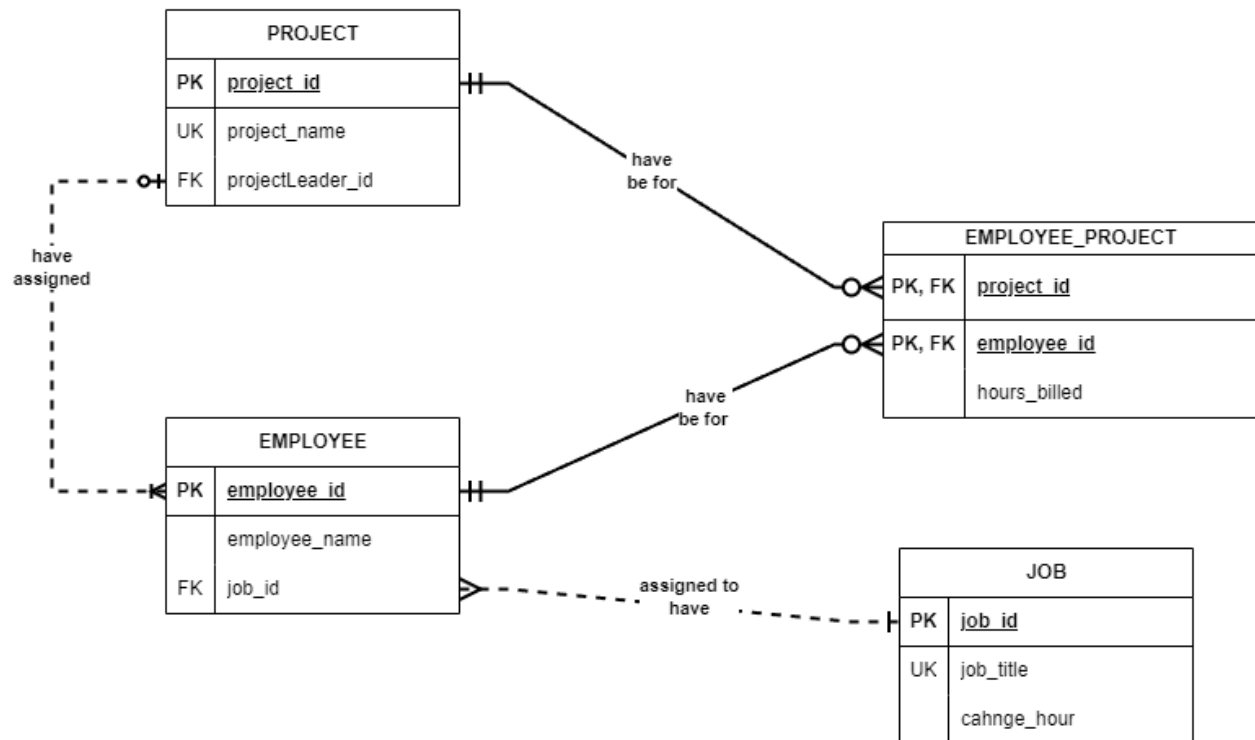


P06-02 Jenny's Hair Salon Relational

p05-04



Each PROJECT must be for zero or more EMPLOYEE_PROJECT.
 Each EMPLOYEE_PROJECT must have one and only one PROJECT.

EACH EMPLOYEE may have zero or one PROJECT.
 Each PROJECT must assigned one or more EMPLOYEE.

Each EMPLOYEE must have only one JOB
 Each JOB may assigned to many EMPLOYEE.

Relational Database table of P0604

PROJECT					
Description	Key Type	Optionality	Column Name	Data Type	Length
Project ID Number	PK	*	project_id	INTEGER	
Project Name	UK	*	project_name	VARCHAR	255
Project Leader ID	FK	*	projectLeader_id	INTEGER	
EMPLOYEE					
Description	Key Type	Optionality	Column Name	Data Type	Length
Employee ID	PK	*	employee_id	INTEGER	
Employee Name		0	employee_name	VARCHER	32
Job ID	FK	*	job_id	INTEGER	
EMPLOYEE_PROJECT					
Description	Key Type	Optionality	Column Name	Data Type	Length
Project ID	PK, FK	*	project_id	INTEGER	
Employee ID	PK, FK	*	employee_id	INTEGER	
Employee Hours Billed		0	hours_billed	DECIMAL	4,2
JOB					
Description	Key Type	Optionality	Column Name	Data Type	Length
Job ID	PK	*	job_id	INTEGER	
Job Title	UK	0	job_title	VARCHAR	255
Job Change Hour		0	Change_hour	TIME	

Foreign Key Relationship Mapping

1: PROJECT

FK: projectLeader_id >> EMPLOYEE

2: EMPLOYEE

FK: job_id >> JOB

3: EMPLOYEE_PROJECT

FK: project_id >> PROJECT

FK: employee_id >> EMPLOYEE