

PROJECT				
Key Type	Optionality	Column Name	Datatype	Length
PK	*	project_id	INTEGER	
	*	project_name	VARCHAR	30
FK	0	leader_id	INTEGER	

EMPLOYEE				
Key Type	Optionality	Column Name	Datatype	Length
PK	*	employee_id	INTEGER	
	*	employee_name	VARCHAR	30
FK	*	title_id	INTEGER	

JOB_TITLE				
Key Type	Optionality	Column Name	Datatype	Length
PK	*	title_id	INTEGER	
	*	title	VARCHAR	30
	*	billing_rate	DECIMAL	5,2

PROJECT_EMPLOYEE				
Key Type	Optionality	Column Name	Datatype	Length
PK,FK	*	project_id	INTEGER	
PK,FK	*	employee_id	VARCHAR	30
	*	hours_billed	Decimal	3,1

PROJECT(**project_id**, project_name, **leader_id**)

FK leader_id -> EMPLOYEE

EMPLOYEE(**employee_id**, employee_name, **title_id**)

FK title_id -> JOB_TITLE

JOB_TITLE(**title_id**, title, billing_rate)

PROJECT_EMPLOYEE(**project_id**, **employee_id**, hours_billed)

FK project_id -> PROJECT

FK employee_id -> EMPLOYEE