1. create database collaborative\_design\_tool;
2. create table collaborative\_design\_tool.user( email varchar(40), password varchar(16) not null, role varchar(20) not null, primary key (email));
3. insert into collaborative\_design\_tool.user values(“John\_Doe@collabDesign.com”, “abcd1234”, “designer”);

insert into collaborative\_design\_tool.user values("Jack\_Forth@collabDesign.com", "abcd1234", "development-manager");

insert into collaborative\_design\_tool.user values("Tim\_Kevin@collabDesign.com", "abcd1234", "solution-manager");

insert into collaborative\_design\_tool.user values("Tom\_Smith@collabDesign.com ", "abcd1234", "architect");

insert into collaborative\_design\_tool.user values("Adam\_Johnson@collabDesign.com", "abcd1234", "qa");

insert into collaborative\_design\_tool.user values("Jones\_Brown@collabDesign.com", "abcd1234", "development-manager ");

insert into collaborative\_design\_tool.user values("Jones\_Brown@collabDesign.com", "abcd1234", "development-manager ");

insert into collaborative\_design\_tool.user values("Harris\_Williams@collabDesign.com", "abcd1234", "architect");

insert into collaborative\_design\_tool.user values("Jenkins\_Perry@collabDesign.com", "abcd1234", "solution-manager");

insert into collaborative\_design\_tool.user values("Taylor\_Anderson@collabDesign.com", "abcd1234", "qa");

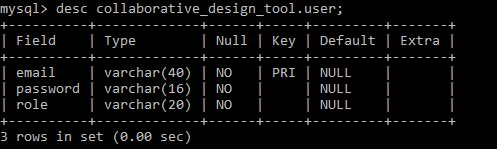
insert into collaborative\_design\_tool.user values("Scott\_Hill@collabDesign.com", "abcd1234", "designer");

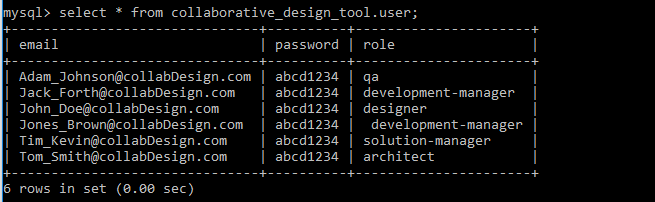
insert into collaborative\_design\_tool.user values("Ward\_Washington@collabDesign.com", "abcd1234", "development-manager");

insert into collaborative\_design\_tool.user values("Tom\_Mitchell@collabDesign.com", "abcd1234", "solution-manager");

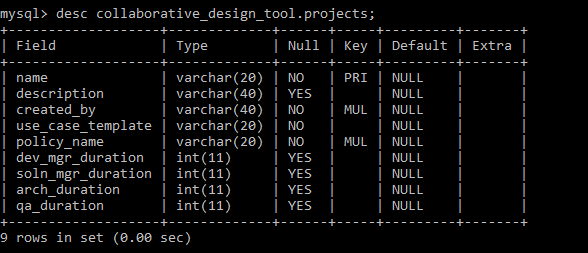
insert into collaborative\_design\_tool.user values("Davis\_Wilson@collabDesign.com", "abcd1234", "architect");

insert into collaborative\_design\_tool.user values("Robert\_Peterson@collabDesign.com", "abcd1234", "qa");





1. create table collaborative\_design\_tool.policy(name varchar(20), description varchar(100), primary key(name));
2. create table collaborative\_design\_tool.projects(name varchar(20), description varchar(40), created\_by varchar(40) not null, use\_case\_template varchar(20) not null, policy\_name varchar(20) not null, dev\_mgr\_duration int, soln\_mgr\_duration int, arch\_duration int, qa\_duration int, primary key (name), foreign key (created\_by) references collaborative\_design\_tool.user(email), foreign key (policy\_name) references collaborative\_design\_tool.policy(name));



1. insert into collaborative\_design\_tool.policy values(“StartToFinish”, “This is a user defined policy”);

insert into collaborative\_design\_tool.policy values(“FinishToStart”, “The predecessor team has to finish before successor team starts”);

insert into collaborative\_design\_tool.policy values(“StartToStart”, “﻿﻿﻿﻿﻿All the teams can start working simultaneously”);

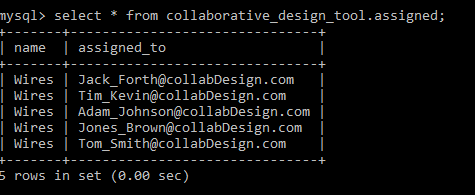
1. insert into collaborative\_design\_tool.projects values(“Wires”, “This is a wires project”, “John\_Doe@collabDesign.com”, “template1”, “StartToFinish”, 7, 6, 5, 4);
2. create table collaborative\_design\_tool.assigned(name varchar(20) not null, assigned\_to varchar(40) not null, foreign key(assigned\_to) references collaborative\_design\_tool.user(email));
3. insert into collaborative\_design\_tool.assigned values(“Wires”, “Jack\_Forth@collabDesign.com”);

insert into collaborative\_design\_tool.assigned values(“Wires”, “Tim\_Kevin@collabDesign.com”);

insert into collaborative\_design\_tool.assigned values(“Wires”, “Tom\_Smith@collabDesign.com”);

insert into collaborative\_design\_tool.assigned values(“Wires”, “Adam\_Johnson@collabDesign.com”);

insert into collaborative\_design\_tool.assigned values(“Wires”, “Jones\_Brown@collabDesign.com”);



1. select name from collaborative\_design\_tool.projects where created\_by= “Jones\_Brown@collabDesign.com” union select name from collaborative\_design\_tool.assigned where assigned\_to= “Jones\_Brown@collabDesign.com”;
2. select p.name, description, created\_by, use\_case\_template, policy\_name, assigned\_to, role from projects p, assigned a, user u where p.name=a.name and a.assigned\_to=u.email and p.name in (select name from projects where created\_by=? union select name from assigned where assigned\_to=?);
3. select p.name, description, created\_by, use\_case\_template, policy\_name, assigned\_to, role from collaborative\_design\_tool.projects p, collaborative\_design\_tool.assigned a, collaborative\_design\_tool.user u where p.name=a.name and a.assigned\_to=u.email and p.name in (select name from collaborative\_design\_tool.projects where created\_by=”Jones\_Brown@collabDesign.com” union select name from collaborative\_design\_tool.assigned where assigned\_to=”Jones\_Brown@collabDesign.com”);

select p.name, description, created\_by, use\_case\_template, policy\_name, assigned\_to, role from collaborative\_design\_tool.projects p, collaborative\_design\_tool.assigned a, collaborative\_design\_tool.user u where p.name=a.name and a.assigned\_to=u.email and p.name in (select name from collaborative\_design\_tool.projects where created\_by=”John\_Doe@collabDesign.com” union select name from collaborative\_design\_tool.assigned where assigned\_to=”John\_Doe@collabDesign.com”);

1. select p.name, description, created\_by, use\_case\_template, policy\_name, assigned\_to, role from collaborative\_design\_tool.projects p, collaborative\_design\_tool.assigned a, collaborative\_design\_tool.user u where p.name=a.name and a.assigned\_to=u.email and p.name in (select name from collaborative\_design\_tool.projects where created\_by=”John\_Doe@collabDesign.com” union select name from collaborative\_design\_tool.assigned where assigned\_to=”John\_Doe@collabDesign.com”);