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");

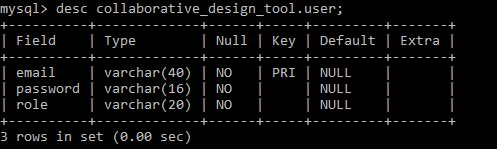
insert into collaborative\_design\_tool.user values("Scott\_Hill@collabDesign.com", "abcd1234", "designer");

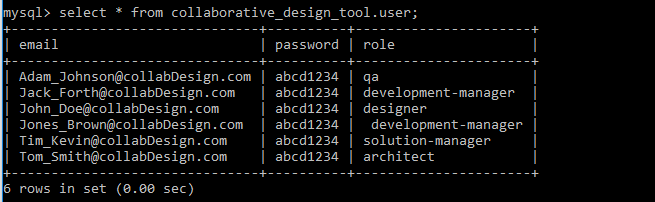
insert into collaborative\_design\_tool.user values("Ward\_Washington@collabDesign.com", "abcd1234", "development-manager");

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

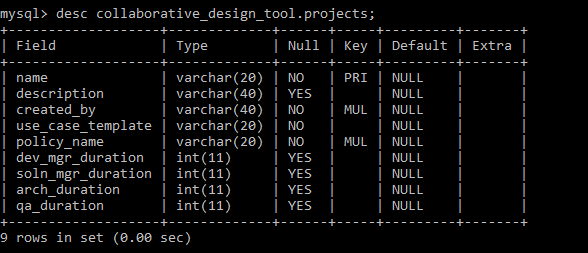
insert into collaborative\_design\_tool.user values("Davis\_Wilson@collabDesign.com", "abcd1234", "architect");

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));



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.”);

insert into collaborative\_design\_tool.policy values(“AllInOne”, “﻿﻿﻿﻿﻿All start at same time and finish at same time.”);

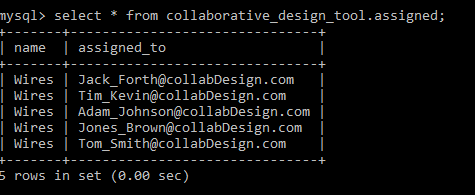
1. insert into collaborative\_design\_tool.projects values(“Wires”, “This is a wires project”, “John\_Doe@collabDesign.com”, “usecasetemplate1”, “StartToStart”, 7, 6, 5, 4);
2. create table collaborative\_design\_tool.assigned(name varchar(20) not null, assigned\_to varchar(40) not null, foreign key(assigned\_to) 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”);

**phase2**:

14) create table collaborative\_design\_tool.use\_case\_details(project\_name varchar(20) not null, use\_case\_id varchar(20) not null unique, status varchar(20) not null, foreign key(project\_name) references collaborative\_design\_tool.projects(name));

15) create table collaborative\_design\_tool.email\_notifications(use\_case\_id varchar(20) not null, email varchar(40) not null, start timestamp not null, end timestamp not null, foreign key(email) references collaborative\_design\_tool.user(email));

16) create table collaborative\_design\_tool.usecasetemplate1(id varchar(20) not null, title varchar(40), description varchar(100), primary\_actor varchar(40), preconditions varchar(100), postconditions varchar(100), frequency\_of\_use varchar(40), owner varchar(40) not null, status varchar(20) not null, priority varchar(20), last\_updated timestamp default current\_timestamp not null, foreign key(owner) references collaborative\_design\_tool.user(email));

17) create table collaborative\_design\_tool.usecasetemplate2(id varchar(20) not null, intent varchar(40), scope varchar(100), level varchar(40), primary\_actor varchar(40), secondary\_actors varchar(100), diagram varchar(100), preconditions varchar(100), postconditions varchar(100), owner varchar(40) not null, status varchar(20) not null, priority varchar(20), last\_updated timestamp default current\_timestamp not null, foreign key(owner) references collaborative\_design\_tool.user(email));

insert into collaborative\_design\_tool.usecasetemplate1(id, title, description, primary\_actor, preconditions, postconditions, frequency\_of\_use, owner, status, priority) values(“u1t1”, “Places a bid”, “This is a test”, “Buyer”, “No preconditions”, “No postconditions”, “bid every month”, “John\_Doe@collabDesign.com”, “open”, “p1-critical” );

insert into collaborative\_design\_tool.usecasetemplate2(id, intent, scope, level, primary\_actor, secondary\_actors, diagram, preconditions, postconditions, owner, status, priority) values(“u1t2”, “Purchases an item”, “This is a test”, “L1”, “Buyer”, “Computer”, “PICTURE”, “No preconditions”, “No postconditions”, “John\_Doe@collabDesign.com”, “pending review”, “p2-high” );

insert into collaborative\_design\_tool.usecasetemplate2(id, intent, scope, level, primary\_actor, secondary\_actors, diagram, preconditions, postconditions, owner, status, priority) values(“u1t3”, “Creates Account”, “This is a test”, “L2”, “Generic User”, “Computer”, “PICTURE”, “No preconditions”, “No postconditions”, “John\_Doe@collabDesign.com”, “closed”, “p2-high” );

insert into collaborative\_design\_tool.usecasetemplate1(id, title, description, primary\_actor, preconditions, postconditions, frequency\_of\_use, owner, status, priority) values(“u1t4”, “Searches Listing”, “This is a test”, “Buyer”, “No preconditions”, “No postconditions”, “bid every month”, “John\_Doe@collabDesign.com”, “open”, “p3-medium” );

insert into collaborative\_design\_tool.use\_case\_details(project\_name, use\_case\_id, status) values(“Wires”, “u1t1”, “open”);

insert into collaborative\_design\_tool.use\_case\_details(project\_name, use\_case\_id, status) values(“Wires”, “u1t2”, “pending review”);

insert into collaborative\_design\_tool.use\_case\_details(project\_name, use\_case\_id, status) values(“Wires”, “u1t3”, “closed”);

insert into collaborative\_design\_tool.use\_case\_details(project\_name, use\_case\_id, status) values(“Wires”, “u1t4”, “open”);

insert into collaborative\_design\_tool.email\_notifications(use\_case\_id, email, start, end) values(“u1t1”, “Jack\_Forth@collabDesign.com”, “2017-03-18 18:02:29”, “2017-03-25 18:02:29”);

insert into collaborative\_design\_tool.email\_notifications(use\_case\_id, email, start, end) values(“u1t1”, “Tim\_Kevin@collabDesign.com”, “2017-03-18 18:02:29”, “2017-03-24 18:02:29”);

insert into collaborative\_design\_tool.email\_notifications(use\_case\_id, email, start, end) values(“u1t1”, “Adam\_Johnson@collabDesign.com”, “2017-03-18 18:02:29”, “2017-03-22 18:02:29”);

insert into collaborative\_design\_tool.email\_notifications(use\_case\_id, email, start, end) values(“u1t1”, “Jones\_Brown@collabDesign.com”, “2017-03-18 18:02:29”, “2017-03-25 18:02:29”);

insert into collaborative\_design\_tool.email\_notifications(use\_case\_id, email, start, end) values(“u1t1”, “Tom\_Smith@collabDesign.com”, “2017-03-18 18:02:29”, “2017-03-23 18:02:29”);

Tables:

