

```
1  -----mini-----
   project-----
2  -----role table-----
3  create table role(
4  id int primary key,
5  role_name varchar(100))
6  ---to view metadata-----
7  sp_help role
8
9  -----user_account table-----
10 create table user_account(
11 id int primary key,
12 user_name varchar(100),
13 email varchar(254),
14 password varchar(200),
15 password_salt varchar(50) not null,
16 password_hash_algorithm varchar(50))
17 -----to view metadata---
18 sp_help user_account
19
20 -----status table-----
21 create table status(
22 id int primary key,
23 status_name varchar(100),
24 is_user_working bit)
25 ---to view metadata--
26 sp_help status
27
28 -----user_has_role table-----
29 create table user_has_role(
30 id int primary key,
31 role_start_time datetime,
32 role_end_time datetime not null,
33 user_account_id int foreign key references user_account(id),
34 role_id int foreign key references role(id))
35 ---to view metadata-----
36 sp_help user_has_role
37
38 -----user_has_status-----
39 create table user_has_status(
40 id int primary key,
41 status_start_time datetime,
42 status_end_time datetime not null,
43 user_account_id int foreign key references user_account(id),
44 status_id int foreign key references status(id))
45 -----to view meta data-----
46 sp_help user_has_status
47
48 -----inserting values-----
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49
50 insert into role(id,role_name)
51 select 1,'teacher' union all
52 select 2,'doctor'
53 select * from role
54
55 insert into user_account
    (id,user_name,email,password,password_salt,password_hash_algorithm)
56 select 1,'harish','harish21@gmail.com','harish@123','asdd123','hari232334'
    union all
57 select 2,'suresh','suresh23@gmail.com','suresh@123','suresh12','suresh1234'
58 select * from user_account
59
60 insert into status(id,status_name,is_user_working)
61 select 101,'working',1 union all
62 select 102,'notworking',0
63 select * from status
64
65 insert into user_has_role
    (id,role_start_time,role_end_time,user_account_id,role_id)
66 select 01,'2023-03-12 01:45:22','2024-4-12 12:24:12',1,1 union all
67 select 02,'2024-4-12 12:24:12','2025-4-1 12:24:12',2,2
68 select * from user_has_role
69
70 insert into user_has_status
    (id,status_start_time,status_end_time,user_account_id,status_id)
71 select 03,'2023-03-12 01:45:22','2024-4-12 12:24:12',1,101 union all
72 select 04,'2024-4-12 12:24:12','2025-4-1 12:24:12',2,102
73 select * from user_has_status
74 -----deleting
    columns-----
75
76 -----user_has_status-----
77 alter table user_has_status
78 drop constraint FK__user_has__statu__370627FE
79 alter table user_has_status
80 drop constraint FK__user_has__user__361203C5
81 alter table user_has_status
82 drop constraint PK__user_has__3213E83FDED4756F
83 delete from user_has_status
84
85 -----user_has_role-----
86 alter table user_has_role
87 drop constraint FK__user_has__role__3335971A
88 alter table user_has_role
89 drop constraint FK__user_has__user__324172E1
90 alter table user_has_role
91 drop constraint PK__user_has__3213E83F0FFD7116
92 delete from user_has_role
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93
94 -----status-----
95 alter table status
96 drop constraint PK__status__3213E83FDB529F77
97 delete from status
98
99 ----user_account-----
100 alter table user_account
101 drop constraint PK__user_acc__3213E83F6656BBAA
102 delete from user_account
103
104 -----role-----
105 alter table role
106 drop constraint PK__role__3213E83F54D9426E
107 delete from role
```