

```
create table MEMBER (  
  ID      BIGINT not null,  
  EMAIL   VARCHAR(36) not null,  
  PASSWORD VARCHAR(128) not null,  
  FIRSTNAME VARCHAR(36) not null,  
  LASTNAME VARCHAR(36) not null,  
)
```

```
ALTER table MEMBER ALTER COLUMN EMAIL TYPE TEXT;  
ALTER table MEMBER ALTER COLUMN PASSWORD TYPE  
TEXT;  
ALTER table MEMBER ALTER COLUMN FIRSTNAME TYPE  
TEXT;  
ALTER table MEMBER ALTER COLUMN LASTNAME TYPE  
TEXT;  
  
ALTER table MEMBER ALTER COLUMN id ADD GENERATED  
ALWAYS AS IDENTITY;
```

```
alter table MEMBER add constraint MEMBER_PK primary  
key (ID);
```

```
alter table MEMBER add constraint MEMBER_UK unique  
(EMAIL);
```

```
ALTER TABLE MEMBER DROP COLUMN FIRSTNAME;  
ALTER TABLE MEMBER DROP COLUMN LASTNAME;  
  
ALTER TABLE MEMBER ADD COLUMN phone TEXT;  
ALTER TABLE MEMBER ADD COLUMN Description TEXT;  
ALTER TABLE MEMBER ADD COLUMN City TEXT;  
ALTER TABLE MEMBER ADD COLUMN photo TEXT;  
  
ALTER TABLE MEMBER ADD COLUMN imagedata BYTEA;
```

```
create table MEMBER(ID BIGINT, EMAIL VARCHAR(36), PASSWORD  
VARCHAR(36), FIRSTNAME VARCHAR(36), LASTNAME VARCHAR(36));
```

ALTER TABLE ROLE RENAME COLUMN ROLE_NAME **TO NAME;**

```
Create table ROLE(Id BIGINT, NAME VARCHAR(30));
```

```
ALTER table ROLE ALTER COLUMN NAME TYPE TEXT;
```

```
ALTER table ROLE ALTER COLUMN id ADD GENERATED ALWAYS AS  
IDENTITY;
```

alter table ROLE **add constraint** ROLE_PK **primary key** (Id);

alter table ROLE **add constraint** ROLE_UK **unique**
(ROLE_NAME);

```
create table MEMBER_ROLES(ID BIGINT, MEMBER_EMAIL VARCHAR(36),  
ROLE_NAME VARCHAR(36));
```

```
ALTER table MEMBER_ROLES ALTER COLUMN MEMBER_EMAIL TYPE  
TEXT;
```

```
ALTER table MEMBER_ROLES ALTER COLUMN ROLE_NAME TYPE TEXT;
```

```
ALTER table MEMBER_ROLES ALTER COLUMN id ADD GENERATED  
ALWAYS AS IDENTITY;
```

alter table MEMBER_ROLES **add constraint** MEMBER_ROLE_PK
primary key (ID);

alter table MEMBER_ROLES **add constraint** MEMBER_ROLE_UK
unique (MEMBER_EMAIL, ROLE_NAME);

alter table MEMBER_ROLES **add constraint** MEMBER_ROLE_FK1
foreign key (MEMBER_EMAIL) **references** MEMBER
(EMAIL);

alter table MEMBER_ROLES **add constraint** MEMBER_ROLE_FK2
foreign key (ROLE_NAME) **references** ROLE (NAME);