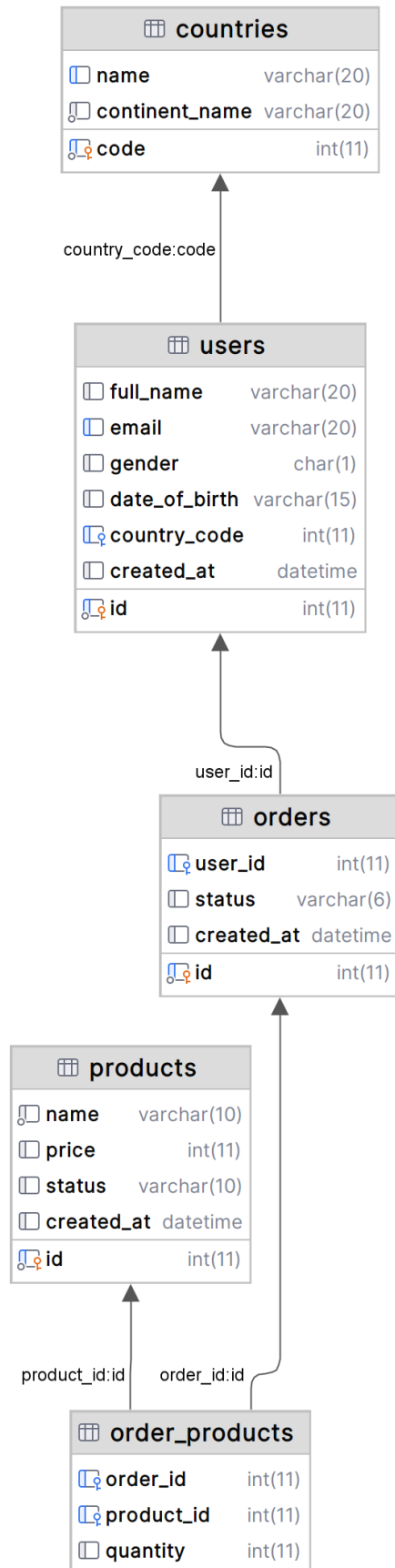




Introduction To Database

Shahad Mohammed





```
1 create database store;
2 create table countries(
3     code int primary key ,
4     name varchar(20) unique ,
5     continent_name varchar(20) not null
6 );
7
8 create table users(
9     id int primary key ,
10    full_name varchar(20) ,
11    email varchar(20) unique,
12    gender char(1) check ( gender='f' or gender='m' ),
13    date_of_birth varchar(15),
14    created_at datetime,
15    country_code int,
16    foreign key (country_code) references countries (code)
17 );
18
19 create table orders(
20     id int primary key,
21     user_id int,
22     foreign key (user_id) references users (id),
23     status varchar(6) check ( status='start' or status='finish' ),
24     created_at datetime
25 );
26
27 create table order_products(
28     order_id int ,
29     foreign key (order_id) references orders (id),
30     product_id int ,
31     foreign key (product_id) references products (id),
32     quantity int default 0
33 );
34
35 create table products(
36     id int primary key ,
37     name varchar(10) not null ,
38     price int default 0,
39     status varchar(10) check ( status='valid' or status='expired' ),
40     created_at datetime
41 );
42 #bonus))=====
43 alter table products drop column created_at;
44 alter table products add column created_at datetime default CURRENT_TIMESTAMP;
45
46
47 alter table orders drop column created_at;
48 alter table orders add column created_at datetime default CURRENT_TIMESTAMP;
49
50
51 alter table users drop column created at;
```

```

52 alter table users add column created_at datetime default CURRENT_TIMESTAMP;
53 #=====
54
55 #inserting countries
56 insert into countries values (966,'Saudi Arabia','Asia');
57 insert into countries values (974,'Qatar','Asia');
58 insert into countries values (965,'Kuwait','Asia');
59
60 #inserting users
61 insert into users values (1,'shahad mohammed','shahad@outlook.com','f','2000-08-23',966,now());
62 select * from countries;
63 select * from users;
64 insert into users values (2,'haya mohammed','haya@gmail.com','f','2006-04-28',966,now());
65
66 #orders
67 insert into orders values (1,1,'finish',now());
68 insert into orders values (2,2,'start',now());
69
70 #products
71 insert into products values (1,'notebook',60,'expired',now());
72 insert into products values (2,'nova water',2,'valid',now());
73
74 #orders items
75 insert into order_products values (1,1,3);
76 insert into order_products values (2,1,1);
77
78 update countries set name='Kingdom Saudi Arabia' where code=966;
79 delete from products where id=2;ere

```

Shahad Mohammed Al-Jaeethin