Database Design

Report Document

彭鹏 201830570231

郭泓树 201830570088

林师言 201830570194

陈秉亮 201830570019

School of Computer Science and Engineering

SCUT

2020.9---2020.12

1. **Database Settings**

**With the ORM functions, we can create the database tables as a class and use migration function built-in Django. Also, add, delete, modify and search can be easier to achieve via ORM functions and process the database as a normal class of object.**

**Commodity**

****

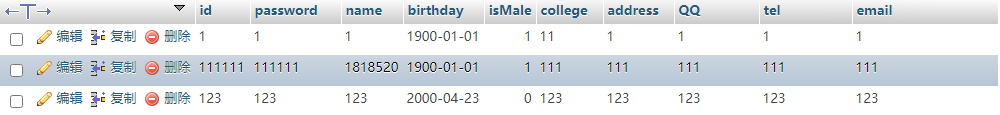
**Teacher(Manager)**

****

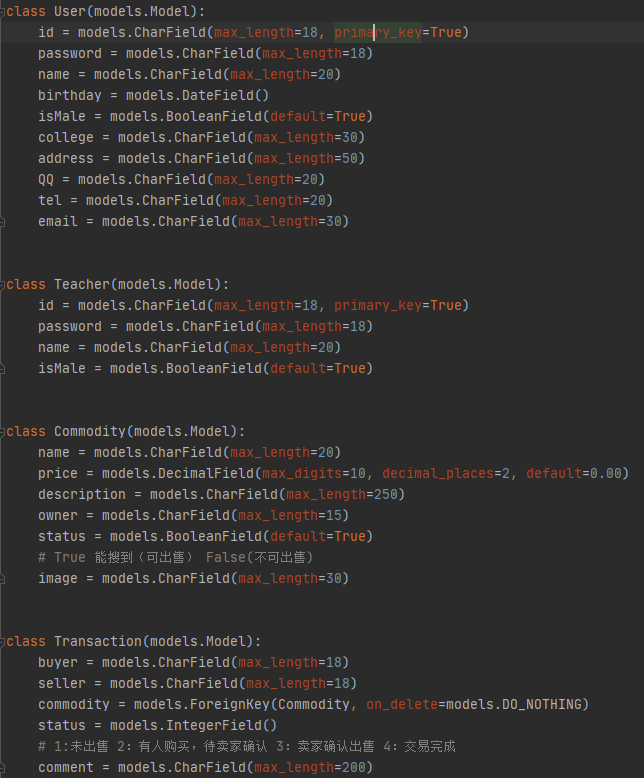
**Transaction**

****

**User**

****

**Program of ORM**

****

**Example of add, delete, modify and search**

**Add: Create a commodity from the input settings.**

****

**Delete: Delete one commodity**

****

**Modify: Use update function to modify the data.**

****

**Search: Search from user table where “id=input account” and “password = input password”**

****

E-R Diagram:

