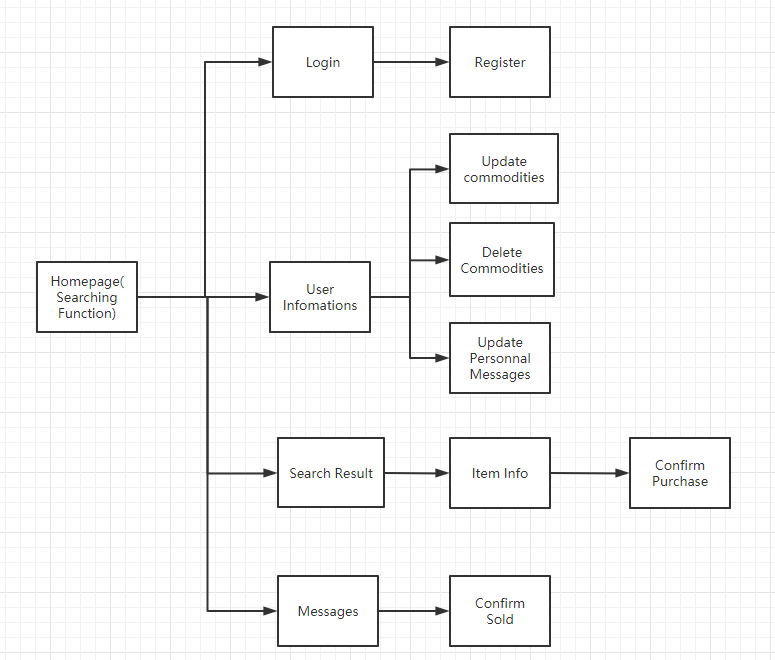
**Database Course Design Report**

1. **Introduction**

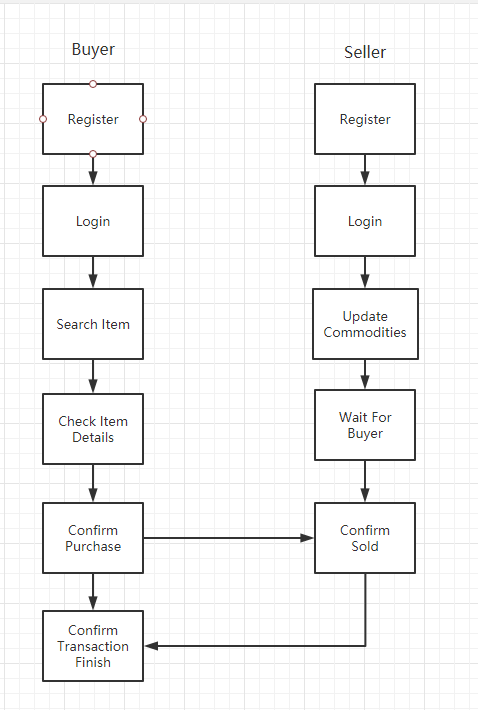
**In this course design, we use Django to build a campus e-commerce website for SCUT. The website is focus on the back-end design. You can visit** [**http://xinshi.cool:8000/**](http://xinshi.cool:8000/) **to try the website. We mainly achieve the login function, the search function, the commodity edit function and the transaction process. We use MySQL as our database and ORM to manage the database in the program.**

1. **Instructions**
2. **Flow Chart**

**Webpage flow chart:**

****

**User flow chart:**

****

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**

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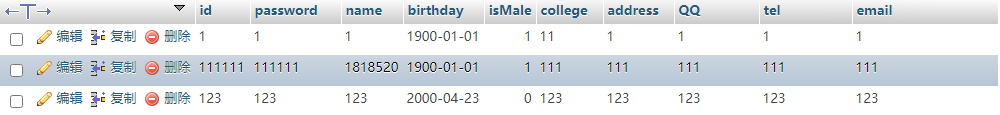
**Teacher(Manager)**

****

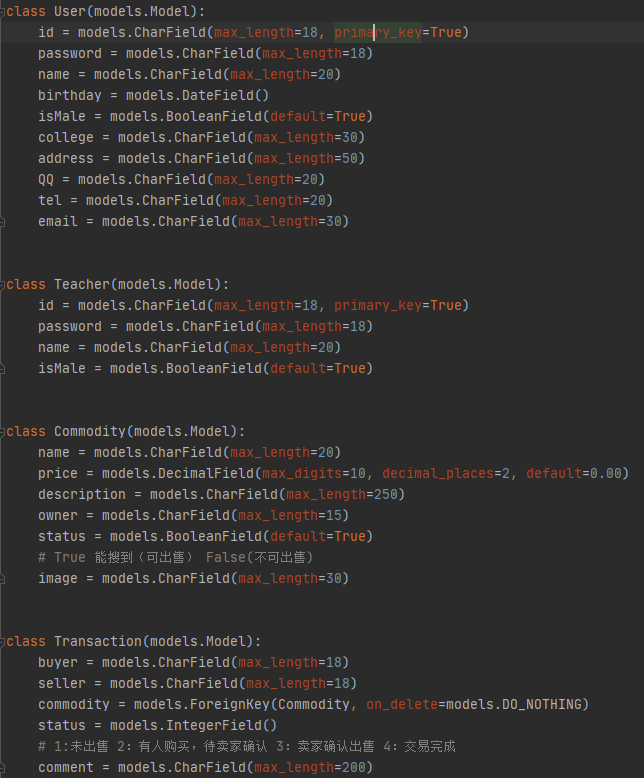
**Transaction**

****

**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”**

****

1. **Achievement Details**
2. **Summary**