Personal Journal

In the course of developing the project, I learned a lot and made some progress.

     First of all, I learned the use of the Django framework and became familiar with the web development idea MTV, which is crucial for me.

Secondly, I further mastered the programming of Javascript and learned a lot of techniques for website development, such as writing js on the console of the webpage, which is more convenient for debugging and very convenient.

Third, I learned what should be paid attention to in the IT team cooperation, such as the code naming convention. The code naming that I wrote during the development process was not standardized, which made my teammates not so simple when merging the code.

My contribution is mainly divided into 4 parts:

1. Crawler of Jingdong website

2. Django

* Django Pagination function
* Implemented the keyword input by the user in the search bar to the back end and passed the product information from the back end to the detail page
* Implemented the ribbon function of the details page
* Realize the barrage in the barrage page to display product information

3. JavaScript

* Implemented recording which products the user clicked on the barrage page and displayed the products on the randomly selected page.

4. Other

* A small part of the document correction work
* Production of the first part of PPT

I encountered some challenges in implementing these features. First, when configuring the django environment, because the django version is not too supportive for mysql8 encoding, I need to correct the encoding of mysql8. This part of the delay is hungry for some time. Second, the anti-climbing technology of Jingdong website is very magical. I can't directly analyze the source code of the website. Instead, I should first read the source code of the website into another html file and parse it. Thirdly, the way I used the function of jumping from the barrage page to the randomly selected page caused the image loading to be slow at the beginning. It was my teammate who did some optimization to solve the problem successfully.At the same time, I also learned some lessons. My crawler has some small bugs from Jingdong website. It is not completely stable. Thanks to my teammates for helping me find those bugs.

     Finally, I sincerely thank my teammates for helping me. I have learned a lot during the process of working with them. I hope I can make them satisfied!