

## **Introduction about Lucas's Toys Ecommerce made by Rui Zheng**

There are many different kinds of toys on this website, which is a positive website for users to check the product they are interested in, as well as ordering and canceling orders. This website allows login people to buy and cancel their products only, while if the person doesn't login, they can also check the product with their details. Basically, it is a website that offers interesting toys for every user.

### **Development about this website:**

As for this solo assessment, I could only discuss with myself and try my best to develop this website application by following requirements, for instance, user login, user logout, products purchasing, order canceling, and product browsing. Personally, I got this idea from common E-commerce websites, such as Amazon, Taobao, etc.

At the first step of the whole development, I found the data from an open data resource website, we could find it at <https://shorturl.at/aGX46>.

After that, I edited the dataset since there were many items that were useless and blank. And it could be built into the database easily, as well as improved user experience.

Secondly, database creating would be vitally important in this project. And fortunately, Django could be easier to set, since many things were generated automatically. Finally, I tried to meet requirements as much as possible.

### **Details and description of website code:**

I have built three apps in my Django project, and they were order, shopping, and usersgroup.

As for the shopping app, it was the basic part of this website application. Database creating was in the model of this app, and the details, product\_list function as well as the search feature were in the views of this app. Besides, there were 2 html files to show the basic product information as known as the index page and the details page.

As for the order app, this app was built in order to meet the purchase/cancel requirements, which would be the core requirement for this assessment. Besides the functions part, there was a html file to show the order list, which allowed login users to cancel their products.

As for the usersgroup app, basically, it was an app to do user management. In the model, I created a user table connecting with the Django Administration, and the database could store users' information, which could be beneficial for building login and sign-up features. As for the views section, there were 2 basic functions for login and registration, which could get the message by typing and store them in the user's database.

### **Deployment:**

On the Codio site, we could check the website at <https://ricardobarbara-nissanventura-8000.codio-box.uk>, and the port number would be 8000.

And in the Render site, <https://lucass-toys-ecommerce.onrender.com> could be viewed normally at the moment.

GitHub Repository link: [https://github.com/LucasZhengrui/ShoppingSystem\\_Lucas](https://github.com/LucasZhengrui/ShoppingSystem_Lucas)

### **One of the accounts for the website:**

Username: Lucas

Email: lucas@mail.com

Password: zheng520