# REPORT E-COMMERCE

Electronic Commerce as popularly as E-commerce has become a big deal in our growing economy due to the increase use of online systems. E-commerce now of the fastest growing business in the world. The technology has changed the way of business. Business that has physical location have now made it an effort to focus their online business. It is the new sort of business platform where you can make use of different technologies like electronic data interchange or transfer document electronically. Online business is an effective of sales.

Since that the e-commerce is the effective way of sales, today please let me instruct to you guys, how to make a simple e-commerce database and webpage.
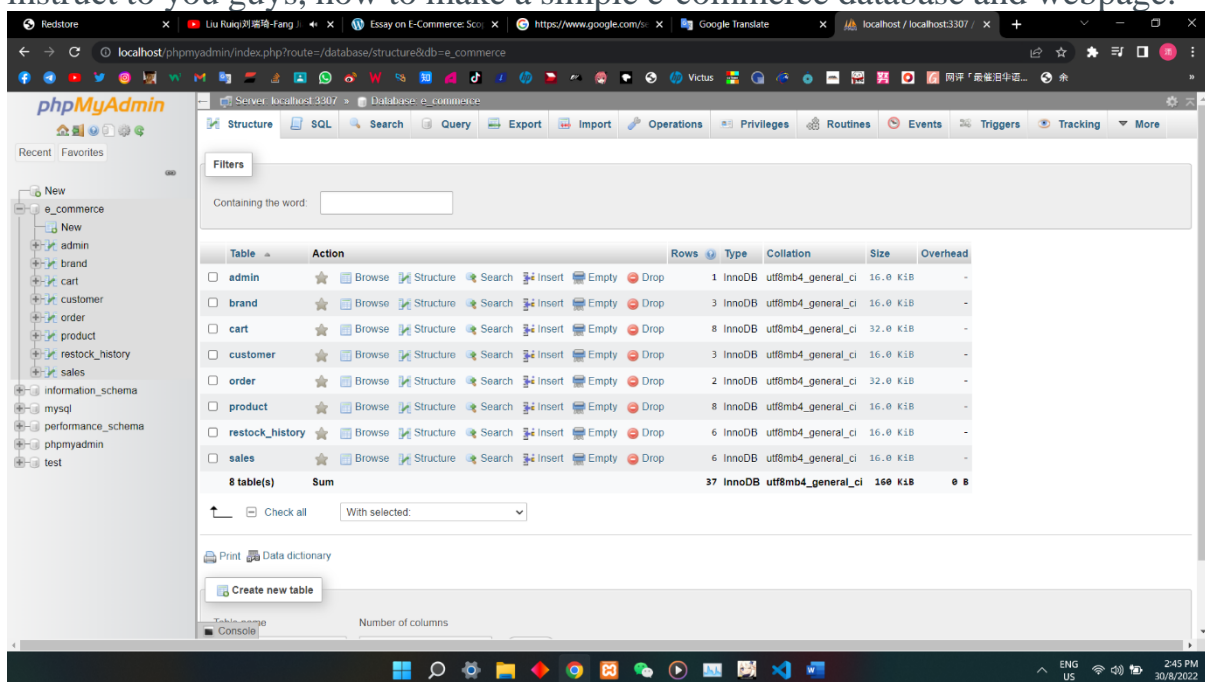

This is the simple database. Firstly, **admin** as the most important role in e-commerce system, **admin** had all the most important task in this e-commerce system, **Uploading Product**, **Editing Product**, **Data managing**, **Record the restock date**, **adding brand** etc. Also is the easiest table to generalization, all you need to create is just *id*, *name*, and *pass* only.

Next, lets move into next table **brand**
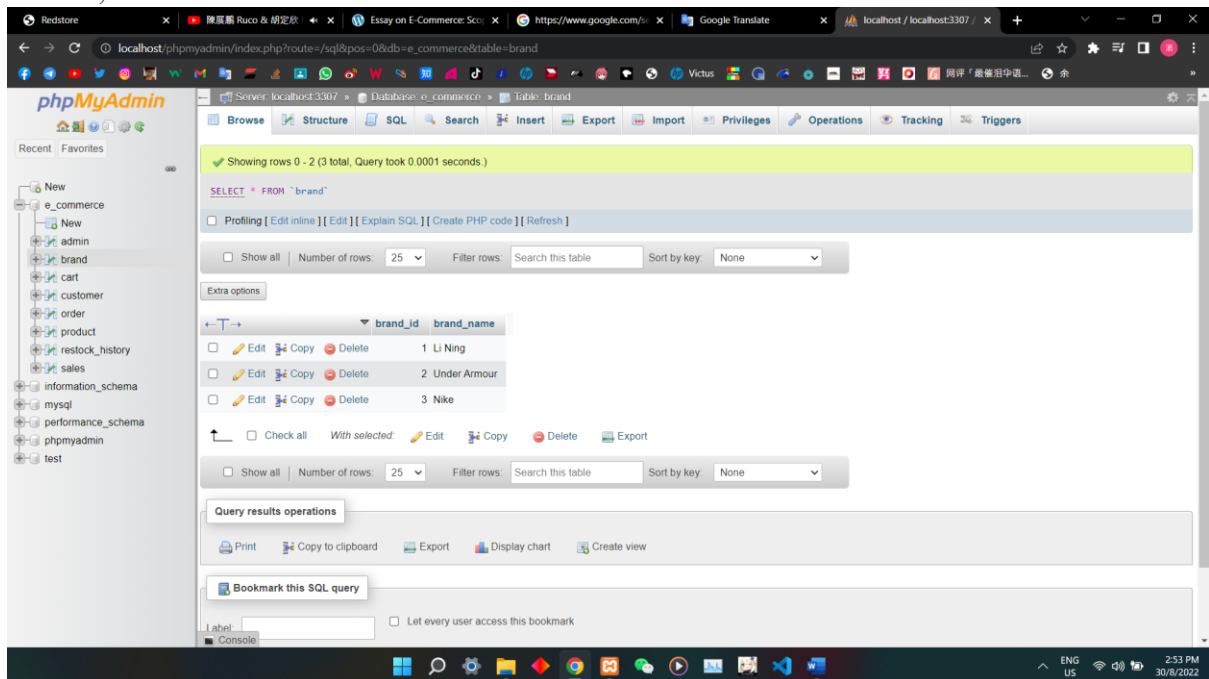
Just need to set an *id* for each type of brand and that will be it.

Without further we do, Let move into next table and that is **product** table.
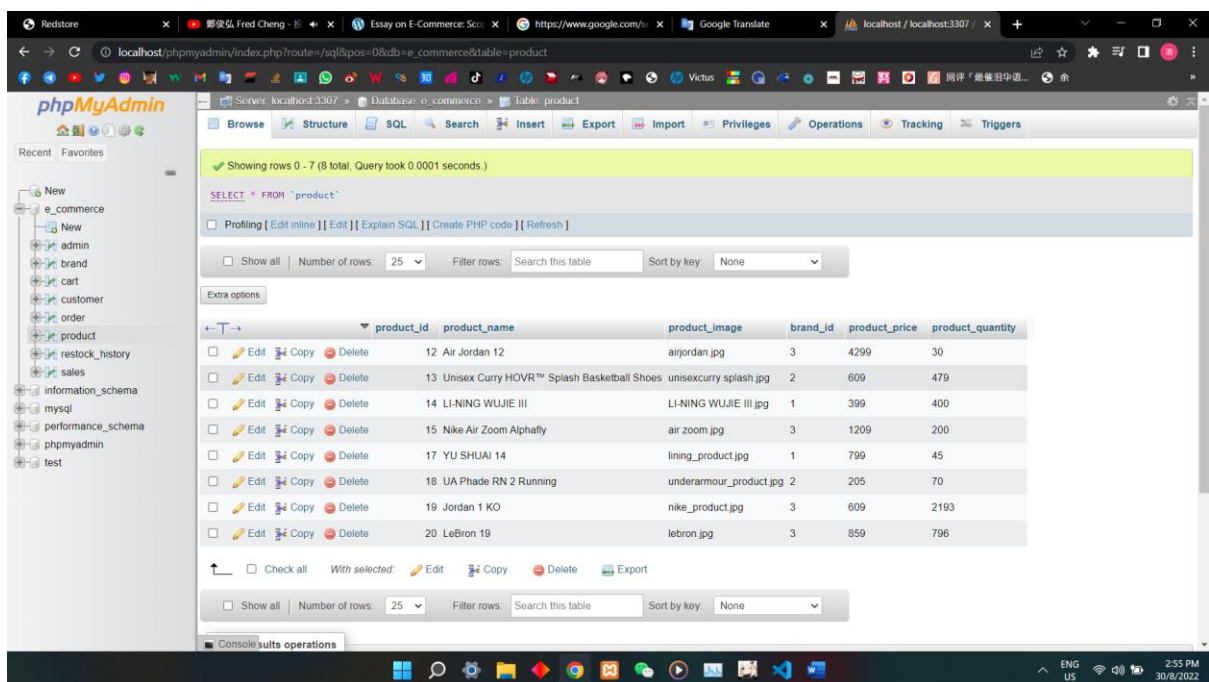
Product is one of the most important roles in this e-commerce system, firstly we had *product_id* for distinguish each product in the most effective way. *Product_image*, *product_price* and *product_quantity* is the detail of the product for further using.

Customer Table is easier to generate, only had to gather the necessary user information like *contact, address* and *name*, no need to gather useless information like gender, nickname.

Cart table is to store product that each user added to cart for further purchasing or functions like bookmark, remember to gather who the user that add to cart with **WHERE customer_id = '".$_SESSION['id']."'.**

Order table is to saving the detail information of the order like payment method, who is the customer that buy the product, how many and how much it cost. **Restock History** table is the pure table to store the detail of that restock. **Sales** table is for gathering the information of how many that product sells and profit for company, and easier to generate line chart or pie chart for comparing the profit for each product.

   After That, may me introduce you to my admin login page
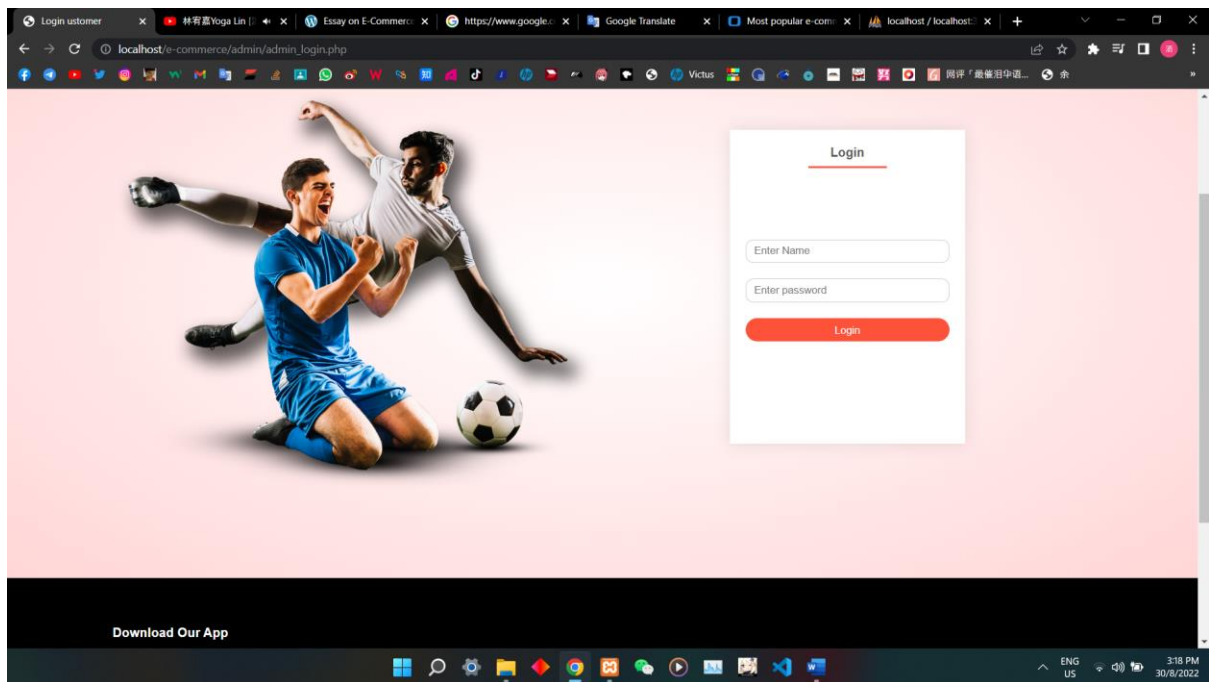
   The **CSS** I use is one of the videos of Easy tutorial. Here is the link https://www.youtube.com/watch?v=yQimoqo07g&list=PLjwm_8O3suyM_2Lo9aAIw3HqjOPor8j9g.
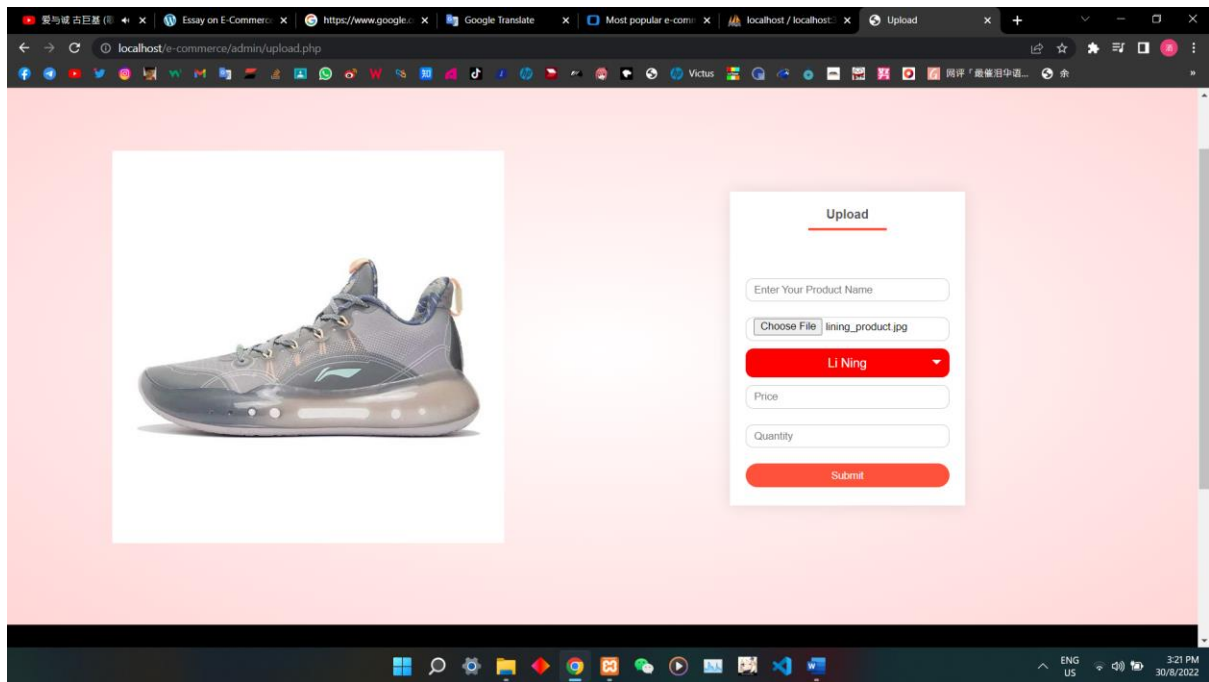
This is where the admin uploads their company new product, at the left side of the page is for the admin to easier analyse their product image is correct or not. Admin can set up the price and quantity of the product.
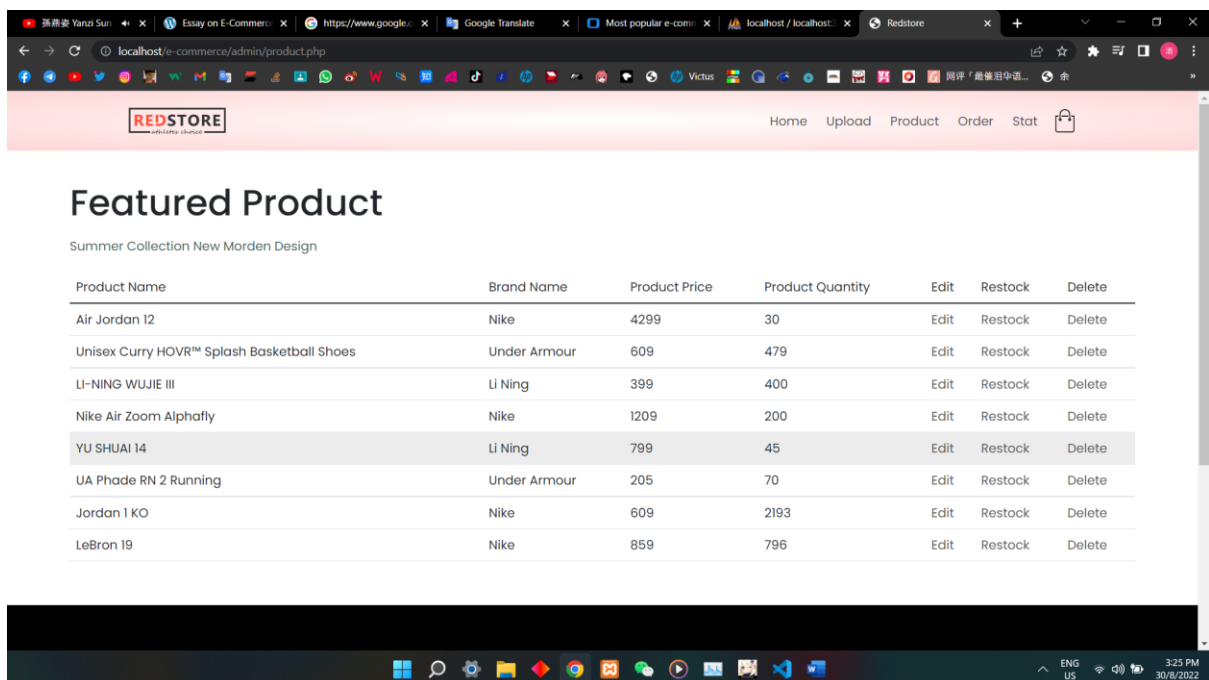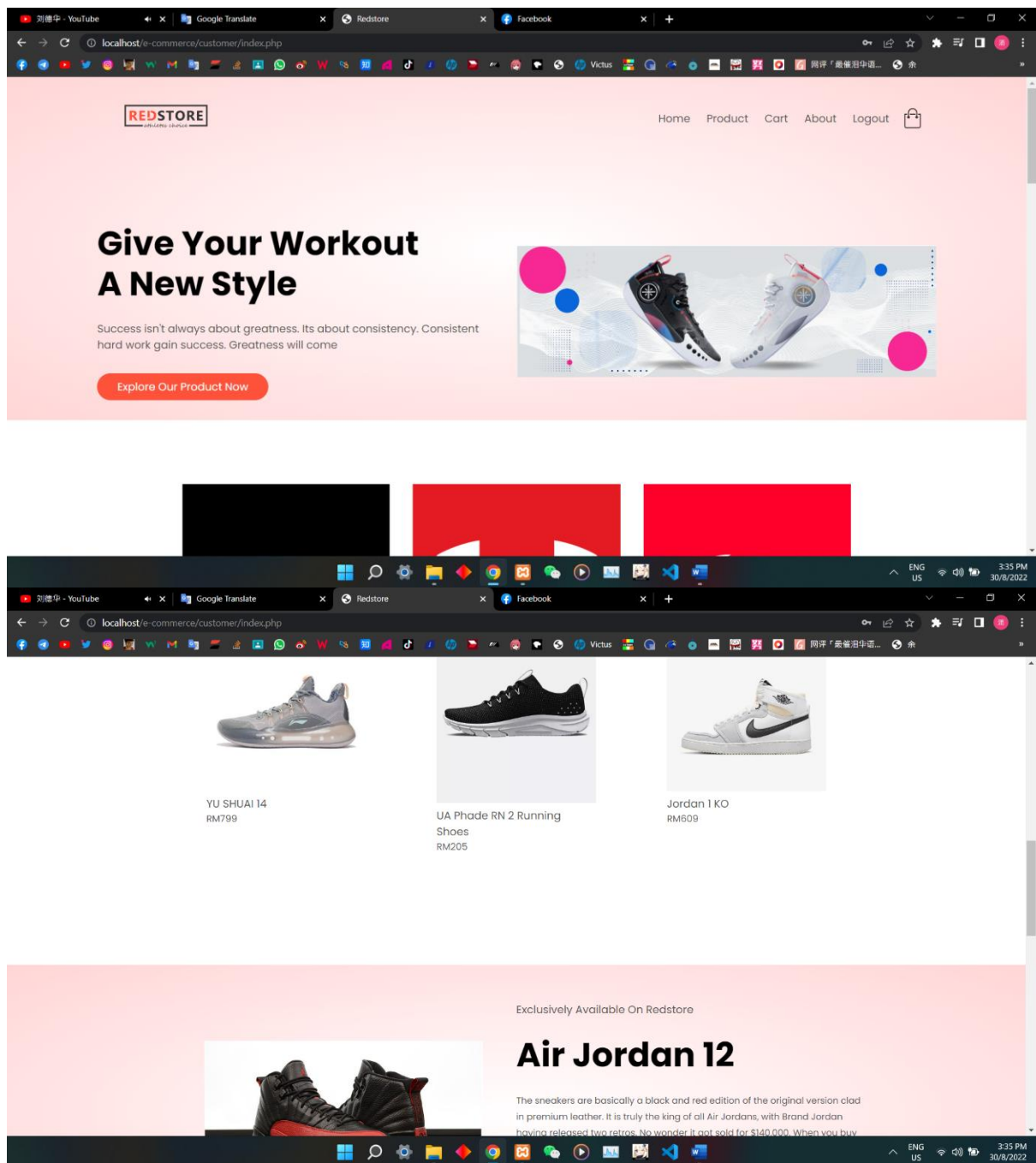

This is the admin product page, admin can clearly know the whole information of the product and can be edit, restock and delete. The **stat** page is developing.
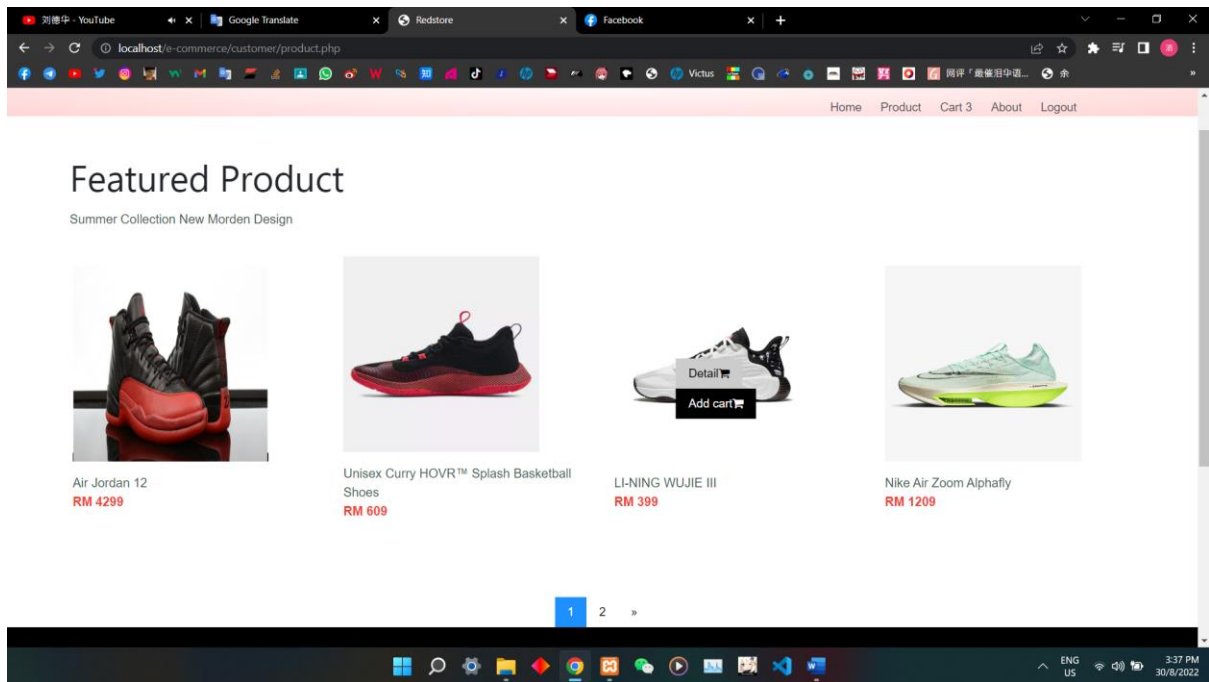
And now let us inspect the **USER** interface.
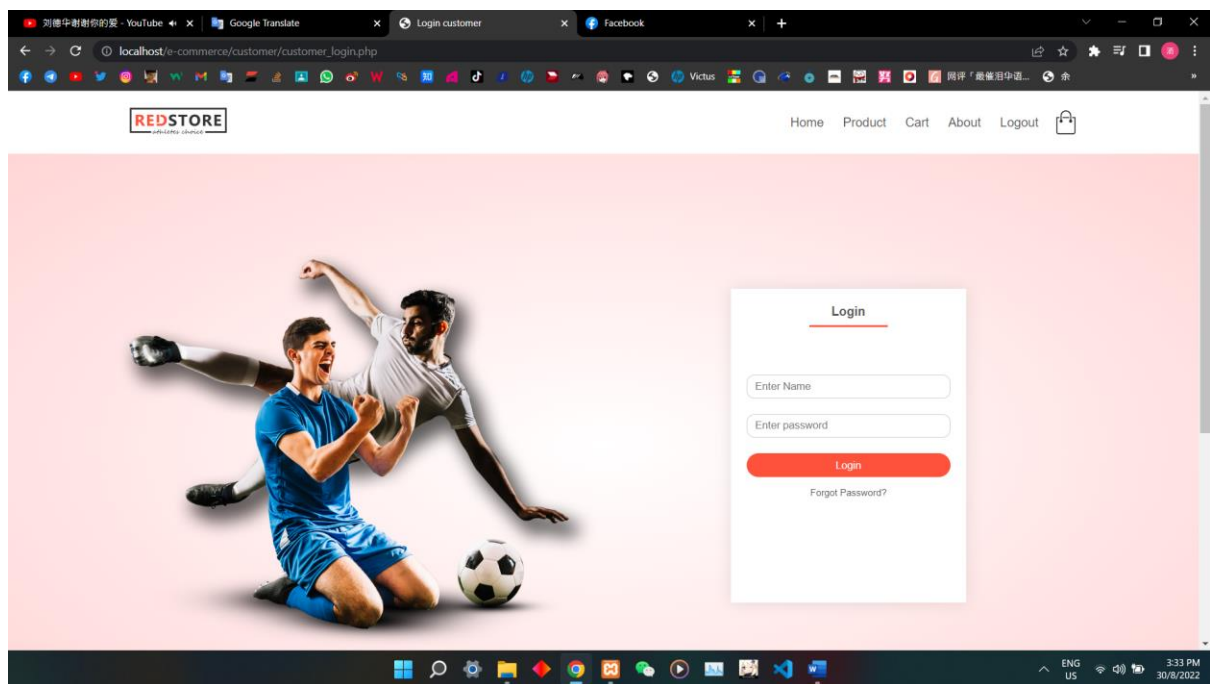
   User login page is basically exactly same as the admin login page but had addition **Forget Password** function, that is for user that forget their password.

  This is the index of the user page that had featured product and showing the user that brand that had cooperate with our company like **Lining, Nike and Under Armour**.

This is the user product page, user can directly add item that they interest to cart by just clicking the button only, if user want to buy directly then just press the detail button and will head to our product detail page and choosing the quantity of item that user want to purchase.
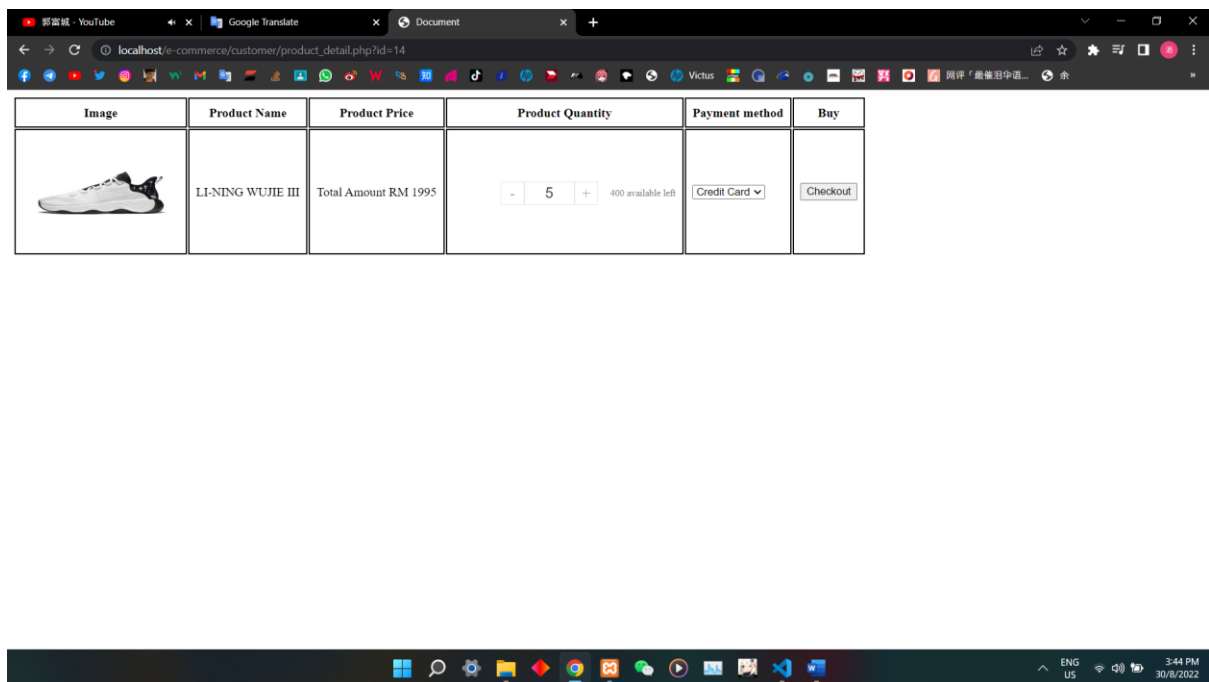
This is the product detail page, After User confirm the quantity and payment method, then press checkout, information will insert into **order** table then head to checkout.php for completing the purchase.

This is the all of my **e-commerce** system User Interface and database. By the time that internet and online shopping is getting more and more popular, we should pay more attention and hard work on this system developing just for the convenient of all internet user.