

## EXERCISE 4

**Due date: 11:30 PM, Monday 19.03.2024 for all classes**

This is a part of the subject Project. Student submits the word file with the following requirements

- Create **file pdf** with the name: **lop.nhom\_tensinhvien\_baitap4.pdf** and send to S.A&D\_2024 facebook. Example: *cnpm2.04\_que\_baitap4.pdf*.
- Create a **project named: ecomSys\_lop.nhom\_tensinhvien**. Example *ecomSys\_cnpm2.04\_que*. Copy the screen image to the word file.

**CHÚ Ý:** tên project và file nộp là yêu cầu nghiêm ngặt để tiện quản lý, tìm kiếm

1. Create 10 applications/services in Django: *user, manager, cart, check out & order, search, book, mobile, clothes, shipment, payment* (Refer to [0.2] and [1] Chap 11 to learn how to create these services ). Note that book, mobile, clothes are designed with MongoDB. Copy the screen images what you have done to the word file. The other services are designed in mySQL and PostgreSQL. Encourage you to make some app such as user with PostgreSQL ([https://www.w3schools.com/postgresql/postgresql\\_install.php](https://www.w3schools.com/postgresql/postgresql_install.php))
2. Create Rest API to connect to the necessary services. Copy images of your working process.
3. Copy the images of the search process and create cart, add to cart