Dynamic Web Programming

Final Project

Due date: 22-05-2022

If you have any questions please email me at gurhangunduz@mu.edu.tr.

To return this homework please upload it to DYS system.

You will demonstrate your project in the class on 23.05.2022 and answer my questions regarding to it. Schedule will be posted before that date. Do not forget that this project is to be done **individually**(no groups).

You can use your preferred javascript or php framework(like Laravel) in this project. **BUT, you CANNOT use open source(or not) e-shopping frameworks.**

In this final homework, you will develop a complete(not really since I am not asking for many administrative functions) e-shopping website. The work that you have done in your previous homework might help you in this one.

Please implement at LEAST the following. Some of these were already required in the previous homework.

1- There will be two types of users on your system. Customers and admins.
2- There will be an admin created by you on the system and that admin can create users with administrative privileges. These administrative type users can search, add, update or delete a product. So, create the necessary pages for these operations.
3- Customers should be able to register by themselves using the form that you have provided. Customers can update their information.
4- Provide a registration and login page.
5- You should sell at least one type of product on your page. But your product should have categories. For example, if you are selling only books on your website, books should have categories like romance, science, adventure etc.
6- Products should have title(name), picture, price, description.
7- Implement the shopping cart mechanism. Customers should be able to search and view products. They should be able to add, view and remove products from the shopping cart.
8- Shopping cart should also show the total cost. It should also have the options; continue shopping and checkout.

9- In the checkout part you should display the shipping address and ask for the payment method.

You might get BONUS points if you implement session concept, recommendation system for customers.(recommending products to a customer based on history of view and purchase and popularity) and order control system for admin purposes that list and cancel the orders etc.

Additional Requirements

You should create you report using a MS WORD or equivalent editor. ZIP(RAR) your report and project into a file named as; your id+name (for example 06233025AhmetKorkmaz.rar).

Please Do NOT use a simple text editor to prepare your report. Use MS word or equivalent editor(since it will include screen shots and database diagrams). Convert it to PDF before sending it.

You should include the following information in your report:

1- Your name, your student id, and homework number.

2- Explain your project briefly. List the technologies that you have used. If you use a template, give the reference showing where you got it.

3- Draw your database diagram.

4- Explain how your program works by including screenshots.

HOMEWORKS ARE SUPPOSED TO BE DONE INDIVIDUALLY. THEY ARE NOT GROUP PROJECTS UNLESS OTHERWISE STATED. CHEATERS WILL BE PUNISHED.