**WSERS 2 exam**

**Time allowed: 150 minutes.**

**Total points: 30 points**

You are given the HTML+CSS code of a resulting web-shop as well as its database creation script. Your goal is to recreate all the php code that outputs what is given.

This is the list of files that you are provided with:

* Products.html
* Cart.html
* Images folder with all necessary images
* Shop-daybuild.css
* Shop-nightbuild.css
* Shop.css
* myShopDb.sql

You can observe and test the project on the teacher’s PC at a provided URL.

Here is a list of tasks that you must implement:

1. Create the select list with shop item categories in the top navigation bar. This list should be recreated based on the table Categories from SQL. Additionally, there is an “All products” category that has 0 as identifier (not used by any databased category).

**2pts**

1. By default, the session variable for the shop item category is equal to 0

**1pt**

1. On the (automatic) submission of a new item category, your php code must save the value into the session variable.

**1pt**

1. Shop items displayed from the database and filtered (when needed) using the already created select list of categories.

**4pts**

1. Implement the switching of the used CSS theme between dark and light. There should be a new session variable holding the current theme (“dark” or “light”). Depending on its value, you must load the appropriate style sheet.

**2pts**

1. By default, the css theme used must adapt to the current time: if the current hour is between 7 AM and 8 PM (20:00), your code must pick the light css theme. At any other time, the dark theme must be chosen by default.

**1pt**

For reference - the following function call gives you a number that represents the current hour:

***(int)date("H")***

1. Add a button that will clear all the session variables in the top navigation bar.

**1pt**

1. Add a new session variable to be used for the contents of the shopping cart. This must be empty by default.

**1pt**

1. Implement the addition of a shopping cart item.

**1pt**

1. When the shopping cart is empty, there should be no navigation bar link to reach the Cart page.

**1pt**

1. When the Cart page is reached while the cart is empty – redirect the user to the products page.

**1pt**

1. When the shopping cart is NOT empty, please add the link to the cart page to the navigation bar.

**1pt**

1. Display the number of items contained in the cart in the navigation bar.

**1pt**

1. Implement the cart page with the following functionalities:
   1. ONLY display a list of categories that contain items added to the shopping cart.

**4pts**

* 1. Display the sum of the ordered items for each category

**3pts**

* 1. For each category displayed, create a table containing all the items, with Name, Quantity and total price.

**3pts**

* 1. Add a total sum price for each category displayed at the bottom of the table.

**2pt**

**Good luck!**