

WP2	المادة
online store	عنوان الوظيفة
د. باسل الخطيب	إعداد
4	عدد الطلاب الأعظمي
	تاريخ التوزيع
Moodle	تاريخ الإعادة

Homework Assignment: Build a Dynamic Website using HTML, CSS, JavaScript, Bootstrap, PHP, and MySQL

Objective:

To create a responsive and dynamic website that demonstrates your proficiency in HTML, CSS, JavaScript, Bootstrap, PHP, and MySQL.

Task:

Your task is to design and develop a fully functional dynamic website for a fictional online store. The website should include product listings, a shopping cart functionality, and user authentication for customers to log in and place orders.

Requirements:

1. Homepage: Create an attractive homepage that showcases featured products, promotions, and a navigation menu.
2. Product Listings: Develop a page where products are listed. Each product should have an image, title, description, price, and an "Add to Cart" button.
3. Shopping Cart: Implement a shopping cart functionality that allows users to add products to their cart and view the items they have selected.

4. User Authentication: Create a user registration and login system. Users should be able to create accounts, log in, and log out. Only logged-in users can place orders.
5. Order Placement: Design a page where users can review their cart and place an order. The order details should include the products, quantities, total price, and a form for entering shipping information.
6. Database Integration: Use PHP and MySQL to store and retrieve product information, user details, and order history.
7. Responsive Design: Ensure that your website is responsive and displays well on different devices by utilizing Bootstrap.
8. JavaScript and Dynamic Content: Implement JavaScript to update the cart's content dynamically without refreshing the page when items are added or removed.

PHP and MySQL Tasks:

1. User Registration and Login: Develop a registration form that allows users to create accounts. Implement secure password hashing for storing passwords. Create a login form for users to log in.
2. Database Schema: Design a database schema to store information about products, users, and orders. You should have separate tables for each entity with appropriate relationships.
3. Adding Products to Cart: Implement PHP scripts to handle adding products to the cart, updating quantities, and removing items.

4. Order Management: Create PHP scripts to manage the order placement process, including updating stock quantities and saving order details in the database.

Guidelines:

1. Use HTML for structuring the content of your website.
2. Apply CSS to style your website and create an appealing visual design.
3. Incorporate JavaScript to enhance user experience and implement dynamic content.
4. Utilize Bootstrap to ensure a responsive and user-friendly design.
5. Implement PHP to interact with the MySQL database for retrieving and storing data.

Submission:

1. Host your website on an online hosting platform.
2. Provide the link to access your hosted website along with the source code files (HTML, CSS, JavaScript, Bootstrap, PHP, and MySQL) in a ZIP folder.

Grading Criteria:

Your project will be evaluated based on the criteria mentioned in the previous versions of the assignment, as well as the following additional criteria:

- PHP and MySQL Integration: Are PHP and MySQL effectively used to store and retrieve data?
- User Authentication: Is the user registration and login system secure and functional?

- Shopping Cart Functionality: Does the shopping cart work correctly, updating dynamically, and allowing users to place orders?
- Order Placement and Management: Is the order placement process well-implemented, including updating stock quantities and saving order details?
- Use of Technologies: Are HTML, CSS, JavaScript, Bootstrap, PHP, and MySQL used effectively and appropriately?

Note:

- Ensure that you follow best practices for database security and data validation.
- Test your website thoroughly to ensure all features work as expected.
- Originality is essential. Do not copy code from external sources without proper attribution.
- If you face challenges or have questions, feel free to seek assistance.

ماذا ترسل للأستاذ: لا شيء

1- تحميل الوظيفة على Moodle (طالب واحد فقط يرفع مو كل واحد).

ضع رابط الاستضافة في أول صفحة من التقرير

سلم التصحيح	
الطلب	العلامة العظمى
HTML/ CSS	20
Java Script Bootstrap /	20
Php/ MySQL	40
الاستضافة على الويب	10
جودة التقرير	10
تسليم الوظيفة قبل الموعد	5 علامات إضافية
الإجمالي	100