

AMERICAN INTERNATIONAL UNIVERSITY BANGLADESH (AIUB)

Faculty of Science and Technology (FST)

Department of Computer Science (CS)

Course: Web Technologies

Lab Task 01: Product Catalog with Cart

Instruction:

1. Complete the task

2. After completion, push the code in the GitHub repository.

Scenario:

Create a simple e-commerce product catalog with shopping cart functionality.

Steps:

1. Create folder php-product-catalog
2. **Create these files:**
 - a) index.php (product listing)
 - b) cart.php (view cart)
 - c) checkout.php (simple checkout)
3. **In index.php:**
 - a) Display 5-6 products (array of products with id, name, price, image)
 - b) Each product has "Add to Cart" button
 - c) Handle add-to-cart via GET/POST
 - d) Store cart in session
4. **In cart.php:**
 - a) Display cart items from session
 - b) Show quantity, price, total
 - c) Options to update quantity or remove items
 - d) Calculate and display grand total
 - e) Link to checkout
5. **In checkout.php:**
 - a) Simple form for name and email
 - b) Display order summary
 - c) "Place Order" button (simulate order)