



澳門大學
UNIVERSIDADE DE MACAU
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Faculty of Science and Technology

CISC3003 – Web Programming

Project Title: Shopping Cart System

Group Members:

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1 Abstract

The project offers a simple shopping cart system implemented with PHP PDO and a MySQL database, along with basic web programming scripts including HTML, JavaScript, and CSS. The main goal of implementing this system is to provide a user-friendly user interface for online shopping and product management.

The system enables users to add products to a product view by uploading specific product details, including the name, description, price, and image. This feature enables a dynamic and customizable product catalogue that can be tailored to the user's preferences or business needs.

Once the products are listed in the product view, users have the choice to either add these products to their shopping cart or directly place an order from the product view itself. The two entrances to the same feature provide users the ability to shop along their paces.

The shopping cart feature of the system allows users to review their selected products. These are products user decided to buy but didn't buy immediately. Users can modify quantities of these products or remove the unneeded items before finalizing their purchase. The system eventually generates an order view where users can view the details of their orders, including purchasing date and order status.

2 List of Services

Add products into product view
Add products from product view into shopping cart
Purchase directly within the product view
Place a summarized order in the shopping cart
Delete individual products in the shopping cart
Empty the entire shopping cart

3 List of Tasks

Create Database in phpMyAdmin
Retrieve data from database using PDO
Define UI styles using CSS
Define interactions using JavaScript

4 Project Accomplishments

<https://github.com/YanzhenHuang/CISC3003-Final-Project-Individual>

add_products.php
checkout.php
orders.php
shopping_cart.php
view_order.php
view_products.php

5 Project Incomplete

This project lacks a user login system, where a user can login using his or her email and password. Moreover, a login token is also provided for verifying the email of the user.

6 Self-Assessment

Huang Yanzhen, DC126732	Raw Score Assigned	Raw Score Earned
Project Walkthrough Example Brief (at least 3 A4 pages but no more than 6 pages; -2 points for Brief below three A4 pages or exceeding six A4 pages)	5	5
Project Walkthrough PPT (based on the videos of presentation not more than 20 slides; -2 points for PPT below 10 slides, or exceeding 20 slides; ZERO for no PPT submitted)	5	5
Project Deliverables (5 points for working HTML/CSS/JS/jQuery/PHP/coding + 5 points for screen images captured from successful test-run + 5 points for media queries to enable responsive design; ZERO for not working coding, ZERO for no screens captured for successful test-run, and ZERO for not supporting mobile first, responsive web design)	15	15
Project Archive (5 points for zip file of the Eclipse workspace, including all related Web project files, 5 points for readme file, and 5 points for screen shots) plus a project (public access) GitHub link for easy reference (10 points)	25	25
Project Report - Abstract (200 words; -3 points for below 100 words, or for exceeding 200 words)	5	5
Project Report - Project List of Services (ZERO for no list of project services given)	5	5
Project Report - Project List of Tasks (ZERO for no individual tasks provided)	10	10
Project Report - Project Accomplishments (-5 for no list of project accomplishments provided, including HTML/CSS/JS/jQuery/PHP/SQL files/media queries)	5	5
Project Report - Project Incomplete - What have not been done! (-5 for no concise conclusion of what has not been accomplished)	5	5
Project Presentation Video (no more than 15 minutes: -5 points if no presentation video is provided)	5	5
Project Self-Assessment Rubric (5 points) + Personal Assessment based on the Rubric (5 points); -5 points if no such rubric provided in the report; -5 points if no self-assessment is done in the project archive (Word document)	10	10
Total Score <ul style="list-style-type: none"> -95 points for no individual submission from submission link -10 points if project is not completed as a full-stack Web application (covering both front-end Web design and backend Web application development) -10 points if project does not include screen shots to properly prove the working of the system services. 	95	95
Semester Score (10-point scale) Part 2 of 2 in Project Assignment	10	10
100 Scale	100	100
Classification on Quality of Work	Good	