

**Online Shopping-Cart System**

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**Abstract**

This online shopping-cart system is built on XAMPP stack, applying web programming technology includes HTML, CSS, JS for basic web script and web page design which contribute to system’s responsible UI. And MYSQL, PHP, PDO are responsible for database information access and management.

This system is mainly based on two users: vendors and customer. For vendors, products details (including price, name, images) can be managed by adding product function. As for customers is able to accomplish several functions including view products, add products into cart, buy orders, view orders, remove products from cart, empty cart. For example, users could view products details to find their favor products and add to cart, after clicking checkout button, user also can choose their personalized delivery method while filling their detailed information.

**List of services**

1. Add products.
2. Products view.
3. Add products to cart.
4. Buy products and check orders.
5. Remove products in cart.

**List of tasks**

1. Create database shop\_db in XAMPP phpMyAdimin.

2. Construct webpage using html,css,js.

3. Applying PDO, PHP to access data from database shop\_db.

4. Test run system by adding products, view products, add products into cart, buy products, view orders, empty cart to test function.

**Project Accomplishments**

Add\_product.php, checkout.php, orders.php, shopping\_cart, view\_order.php, view\_products, style.css, script.js.

**Project Incomplete**

This is system, login function is still need, thus the next improvement is building a database managing user information and log

**Self-assessment**

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| --- | --- | --- |
| DC12790 CHENZIRUI | 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   * -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 | |