

# Web CRUD with Session project

Course: Web Development Server-Side COMPH2029: 2024-25

Criteria	Level 1 0 points	Level 2 1–4 points	Level 3 5–6 points	Criterion Score
Structure	None/poor/incomplete	Attempt to divide functionality as per MVC design pattern	MVC using a front controller, securing DB credentials, DB connection and separation of SQL queries.	/ 6

Criteria	Level 1 0 points	Level 2 1–4 points	Criterion Score
Structure	None/poor/incomplete	Use of web page templates (header and footer)	/ 4

Criteria	Level 1 0 points	Level 2 1–4 points	Level 3 5–8 points	Level 4 9–12 points	Criterion Score
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Criteria	Level 1 0 points	Level 2 1–4 points	Level 3 5–8 points	Level 4 9–12 points	Criterion Score
CRUD	None/poor/incomplete	Basic use of select statements with fetch and fetchAll PDO functions	Solid examples of most CRUD functions with PDO.	Example of all CRUD functions with PDO (Create, Read, Update, Delete). connection and separation of SQL queries.	/ 12

Criteria	Level 1 0 points	Level 2 1–6 points	Level 3 7–12 points	Level 4 13–18 points	Criterion Score
CRUD	None/poor/incomplete	Allow user to register a user account with the website	some attempt at shopping cart functionality	Strong attempt at shopping cart functionality	/ 18

Criteria	Level 1 0 points	Level 2 1–4 points	Level 3 5–6 points	Criterion Score
Output and formatting	None/poor/incomplete	Appropriate (readable) display of DB data on a web page with PDO	Appropriate web pages and templates to input and/or display data (use of tables, css, iteration, arrays etc...)	/ 6

Criteria	Level 1 0 points	Level 2 1–4 points	Level 3 5–6 points	Criterion Score
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Criteria	Level 1 0 points	Level 2 1–4 points	Level 3 5–6 points	Criterion Score
Form Validation	None/poor/incomplete	Evidence of form validation on the client and the server side	All user input correctly formatted and sanitised at the client & server side.	/ 6

Criteria	Level 1 0 points	Level 2 1–4 points	Level 3 5–6 points	Criterion Score
Data Storage	None/poor/incomplete	Storing form data externally, in a JSON or a MySQL DB	Use of DB for all storage. i.e., no JSON.	/ 6

Criteria	Level 1 0 points	Level 2 1–4 points	Level 3 5–8 points	Criterion Score
Login Logic	None/poor/incomplete	Authenticate user login data against a list of stored user data	Authenticate user login data against data in a DB	/ 8

Criteria	Level 1 0 points	Level 2 1–4 points	Level 3 5–8 points	Criterion Score
Sessions	None/poor/incomplete	Use of sessions for persistence of login credentials	Use of session for login and session destroy at end of a session.	/ 8

Criteria	Level 1 0 points	Level 2 1–4 points	Level 3 5–6 points	Criterion Score
Design and appearance	None/poor/incomplete	Considered design and navigation structure. Clear and easy to use	User can access more pages if logged in. Good use of authentication	/ 6

Criteria	Level 1 0 points	Level 2 1–4 points	Level 3 5–6 points	Level 4 7–11 points	Criterion Score
Code quality and correctness	None/ poor/ incomplete	Code works but could be more efficiently implemented	Good use of DRY code (Don't Repeat Yourself)	Good use of PHP classes and functions (create your own too)	/ 11

Total	/ 91
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Overall Score

Level 0 0 points minimum	Level 1 22.75 points minimum	Level 2 45.5 points minimum	Level 3 68.25 points minimum
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