

CS1IAD Portfolio 3 Report

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Basic information

Your Website URL:

<https://210163492.cs2410-web01pvm.aston.ac.uk/AProject/pages/index.php>

Source code link (if applicable): XXXXXXXXXXXX

One registered user account:

Username	Password
junaid0308	test

Brief Description of Technologies and Structure

Specify both the server-side and client-side technologies used in your development and the structure (e.g. MVC) of your system.

I use vanilla PHP for this project as well as HTML, CSS and JS for front-end development.

Implementation of the required functions:

Functions	Main Source File(s)	Working	Notes
P1. View the basic information of all projects	<i>Index.php</i>	yes	The projects are shown within table
P2. Click one project in the list to view the project details	Index.php, script.js	yes	Index = lines 80 – 95 Script = lines 3 - 8
P3. Search all projects using title and starting date	Index.php	yes	Lines 49 - 56
P4. Register to become a registered user	Register.php, server.php	yes	Register.php gives UI and server.php handles injections/validation
R1. Log in the system	Login.php, server.php	yes	Register.php gives UI and server.php handles injections/validation
R2. Add your project	addProject.php, cnfirmBtn_Function.php	yes	addProject.php is a form and cnfirmBtn acts as server-side interactions
R3. Update your project	updateProject.php, cnfirmBtn_Function.php	yes	updateProject.php is a form and cnfirmBtn is server-side interactions
R4. Logout the system	Index.php	yes	Logout using navbar button

Implemented security features

Features	Main Source File(s)	Notes
Authentication	server.php, cnfirmBtn_Function.php	server.php authenticates login's and registrations. cnfirmBtn authenticates user add and update privileges (does not allow users of different uid to edit projects that do not match)
Hash password	server.php	Hashing using mb5();
Form validation	server.php, cnfirmBtn_Function.php	These files validate the various forms of website, array_push errors to errors.php
Handle Injections (SQL)	server.php, cnfirmBtn_Function.php	Sanitised parameters as well as binding parameters, prepares query before execution
CSRF token validation on form validation	csrf.php, server.php	Creates \$_SESSION['csrf token'] when needed and checks if token is valid on an 'POST' request – csrf.php hold's generate and validate functions

Notes to examiners (if applicable)