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): *XXXXXXXXXX*

## 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 | *Index.php* | *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)**