CS1IAD Portfolio 3 Report

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# **Basic information**

Your Website URL: *http://230022805.cs2410-web01pvm.aston.ac.uk/IAD-Portfolio-3/projects.php*

## Source code link (if applicable): *https://github.com/EsamKhalid/IAD-Portfolio-3*

## One registered user account:

|  |  |
| --- | --- |
| **Username** | **Password** |
| user1 | testpassword |

# **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 have used Vanilla PHP for the server side and HTML and CSS for the client side. Structure is MVC.*

# **Implementation of the required functions:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Functions** | | |  | | --- | | **Main Source File(s)** | | Working | **Notes** |
| **P1.** View the basic information of all projects | *projects.php* | *yes* | Projects can be found in projects.php |
| **P2.** Click one project in the list to view the project details | Projects.php  projectView.php | *yes* | The link to view the project can be found in projects.php which redirects you to the viewProjects.php to view the project details |
| **P3.** Search all projects using title and starting date | projects.php | yes | The search is on the projects page and the result is displayed underneath the search |
| **P4.** Register to become a registered user | Register.php | yes | The link to register can be found on both projects.php and login.php |
| **R1.** Log in the system | Login.php | yes | The link to login can be found on both projects.php and register.php |
| **R2.** Add your project | addProject.php | yes | The link to add a project can be found in projects.php |
| **R3.** Update your project | editProject.php | yes | The link to edit the project can be found in projectView.php and can only be accessed through projects.php |
| **R4.** Logout the system | Logout.php | yes | The logout link can be found in projects.php |

# **Implemented security features**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Features** | | |  | | --- | | **Main Source File(s)** | | |  | | --- | | **Notes** | |
| *Authentication* | *Login.php;* | *Authentication done using html form with php and sql database* |
| Authorisation | editProject.php  addProject.php | If the user is unregistered, they cannot add new projects and only the user who made a project can edit it’s details |
| Form validation | Login.php  Register.php  addProject.php  editProject.php | Uses html form and php to validate the form using post method |
| Password Hashing | Register.php  Login.php | Password is hashed and stored in database in register.php and hashed password is used to validate plaintext password from form in login.php |
| Handle Injections | Projects.php  editProjects.php  register.php  login.php  addProjects.php  projectView.php | Database is accessed exclusively using prepare statements |

# **Notes to examiners (if applicable)**