

Project Report

1. Basic Information

Name: Yasar Ashraf

Student ID: 250341652

Entry Page: <http://localhost/project-manager-php/index.php>

Test User Credentials:

- Username: testuser
- Password: Test@123

2. Source Code Link

GitHub link:

<https://github.com/Yasar101/assignment2>

All source files included in the folder project-manager-php.

3. Functionality

<i>Feature</i>	<i>Source File(s)</i>
<i>View all projects (public)</i>	index.php
<i>View project details</i>	project.php
<i>Search projects by title/start date</i>	search.php
<i>User registration</i>	register.php
<i>User login/logout</i>	login.php, logout.php
<i>Add new project (registered users)</i>	add_project.php
<i>Update own projects</i>	edit_project.php

4. Security Features

<i>Security Feature</i>	<i>Implemented In</i>
<i>Authentication (login)</i>	login.php, register.php
<i>Authorization (users can only modify own projects)</i>	edit_project.php, dashboard.php
<i>Password hashing</i>	register.php (password_hash())
<i>CSRF Protection</i>	csrf.php, all forms
<i>SQL Injection protection (prepared statements)</i>	All DB queries (db.php included)
<i>Form validation (client & server-side)</i>	register.php, login.php, add_project.php, edit_project.php
<i>Error hiding</i>	config.php or php.ini settings for production

5. Additional Notes

- PHP version: 8.x recommended
 - MySQL required; database aproject must be imported using aproject.sql
 - Uses Bootstrap 5 for responsive UI
 - All forms include CSRF tokens
 - Error messages are logged and not displayed to users (production-safe)
 - Follow standard navigation using header/footer includes
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