



**Software Engineering (Blue)**

**Session 2023-2027**

**Submitted to Ammara Irfan**

## Project Report

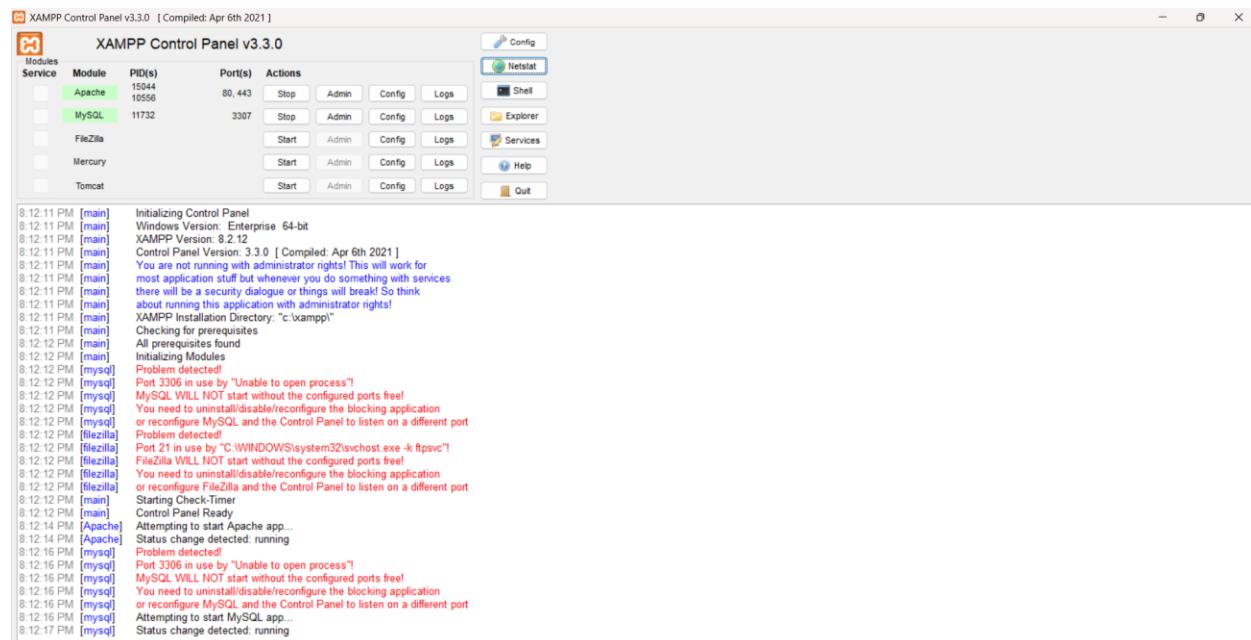
### Task Manager Website with database:

First of all we are going to create the database on MYSQL with the two tables 'user' and 'task'

Connect it with the help of XAMPP Control Panel, turn on APACHE and MYSQL.

Go to chrome or any browser, then open <http://localhost/phpmyadmin/index.php>

**Technologies Used:** HTML, CSS, JavaScript (Frontend); PHP, MySQL (Backend).



The screenshot shows the phpMyAdmin interface connected to the 'task\_manager' database. The left sidebar shows the database structure with tables 'tasks', 'users', and a 'task\_manager' schema. The main area shows the 'tasks' table with 6 rows, InnoDB engine, utf8mb4 character set, and 32.0 KiB size. The 'users' table has 5 rows, InnoDB engine, utf8mb4 character set, and 32.0 KiB size. A summary row indicates 11 rows in total. Below the table, there are buttons for Structure, SQL, Search, Export, Import, Operations, Privileges, Routines, Events, Triggers, and Designer. A message bar at the bottom shows two errors: 'mysql\_real\_connect(): (HY000/1045) Access denied for user 'pma'@'localhost' (using password: NO)' and 'Connection for controluser as defined in your configuration failed.'

## MYSQL Database:

The screenshot shows the MySQL Workbench interface with the 'task\_manager' database selected. The 'Schemas' tree on the left shows the 'task\_manager' schema containing the 'users' and 'tasks' tables. The central pane displays the SQL code for creating these two tables.

```
1 • CREATE DATABASE task_manager;
2
3 • USE task_manager;
4
5 • CREATE TABLE `users` (
6     `id` int(11) NOT NULL AUTO_INCREMENT,
7     `name` varchar(255) NOT NULL,
8     `email` varchar(255) NOT NULL,
9     `password` varchar(255) NOT NULL,
10    `created_at` timestamp NOT NULL DEFAULT current_timestamp(),
11    PRIMARY KEY (`id`),
12    UNIQUE KEY `email` (`email`)
13 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
14
15
16 • CREATE TABLE `tasks` (
17     `id` int(11) NOT NULL AUTO_INCREMENT,
18     `user_id` int(11) NOT NULL,
19     `title` varchar(255) NOT NULL,
20     `description` text DEFAULT NULL,
21     `due_date` date NOT NULL,
22     `priority` enum('low','medium','high') NOT NULL DEFAULT 'medium',
23     `completed` tinyint(1) NOT NULL DEFAULT 0,
24     `created_at` timestamp NOT NULL DEFAULT current_timestamp(),
25
26     PRIMARY KEY (`id`),
27
28     KEY `user_id` (`user_id`),
29
30     CONSTRAINT `tasks_ibfk_1` FOREIGN KEY (`user_id`) REFERENCES `users` (`id`) ON DELETE CASCADE
31 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

Put the task\_manager folder which include index.html file which is the main website and API with include other php files like:

- Config
- Login
- Register
- Tasks

## Backend

<http://localhost/phpmyadmin>

## Frontend

[http://localhost/task\\_manager/index.html](http://localhost/task_manager/index.html)

## Project location

C:\xampp\htdocs\task\_manager

## WEBSITE INTERFACE:

- **Login page:**

Campus Hub  
PAF-IAST Secure Portal

### Student Login

Access your dashboard, assignments, and hostel records.

Student Email

Password

[Sign In to Portal](#)

New Student? [Register ID](#)



- **Registration page**

Campus Hub  
PAF-IAST Secure Portal

### Student Registration

Create your secure academic profile.

Full Name

Email Address

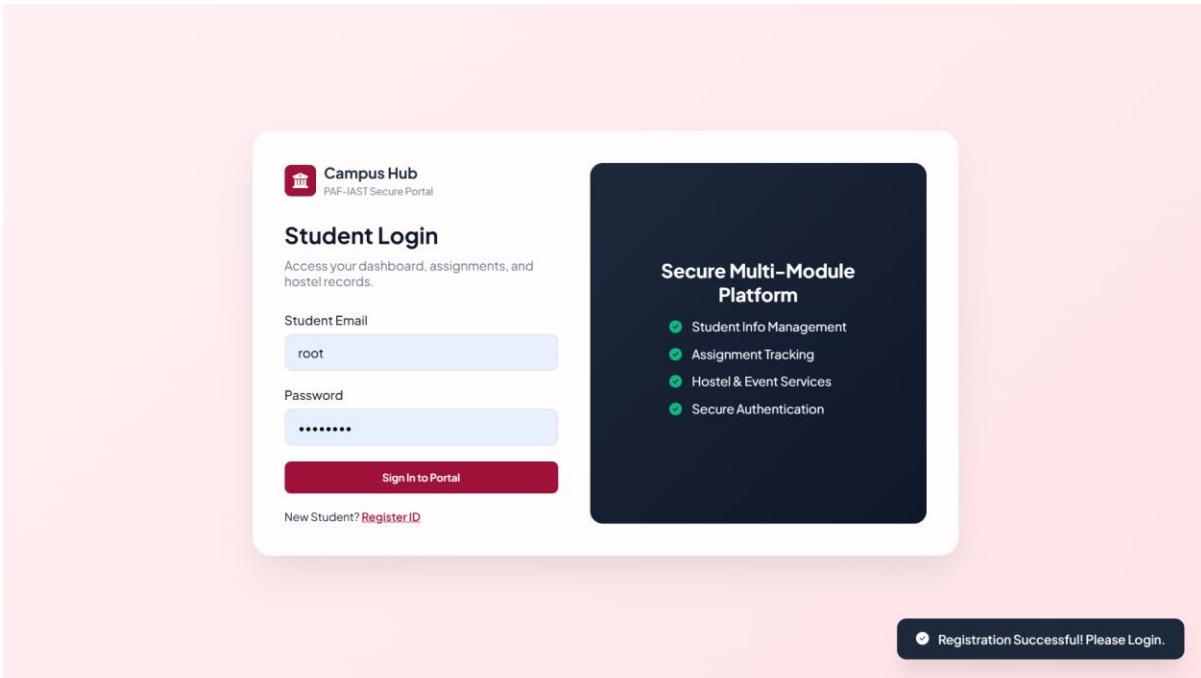
Create Password

[Create Account](#)

Already registered? [Back to Login](#)



After entering the user information, email, password etc, it registers the data then shows it to the database.



In database:

	name	email	password	created_at
<input type="checkbox"/>	Edit	Copy	Delete	Muhammad Madni   mad12@gmail.com   \$2y\$10\$EOGsbIWMJBR4.hBAFsCPme2jc.xlhCbgsd1ZFukRdb...   2025-12-09 22:20:43
<input type="checkbox"/>	Edit	Copy	Delete	Muhammad Madni   mad1@gmail.com   \$2y\$10\$OzLurX8RIEnergXhjaLPzucYOLhhccrNiy00GSNQ1Hs...   2025-12-09 22:45:34

Then go to the login page and then enter the Email and password. It will show you the main interface of the website.

**Dashboard:**

Campus Hub

- Dashboard
- Student Info
- Events & Schedule
- Hostel Services
- Assignments
- Complaints

Secure Logout

Student Dashboard  
Overview of your academic progress

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Campus Hub

- Dashboard
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- Complaints

Secure Logout

# Assignments

Overview of your academic progress

## Academic Assignments

Full Stack Assignment

mm/dd/yyyy

December 2025

Su	Mo	Tu	We	Th	Fr	Sa
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

No active assignments

Medium Priority

+ Add

Refresh

The screenshot shows a university management system interface. On the left is a dark sidebar menu titled "Campus Hub" with options: Dashboard, Student Info, Events & Schedule, Hostel Services, Assignments (selected), Complaints, and Secure Logout. The main content area has a title "Assignments" and a subtitle "Overview of your academic progress". It features a search bar for "Assignment Title (e.g. Web Dev Project)", a date selector for "12/10/2025", a priority dropdown for "Medium Priority", and a red "+ Add" button. Below these are tabs for "Current Tasks", "Completed", and "Archived". A specific assignment titled "Full Stack Assignment" is listed with a due date of "2025-12-10" and a priority of "MEDIUM". To the right of the assignment are two small icons. At the bottom right of the main area is a black button with a checkmark and the text "Assignment Added". In the top right corner, there is a user profile for "Muhammad Madni" (BS Software Engineering) with a MU logo.

## In Database php:

The screenshot shows the phpMyAdmin interface for a database named "task\_manager". The left sidebar lists databases like "information\_schema", "mysql", "performance\_schema", "sys", and "taskmanager". Under "taskmanager", there are tables: "New", "tasks", "users", "Views", "completed\_tasks", "overdue\_tasks", and "pending\_tasks". The main panel shows the "tasks" table with the following data:

	title	description	due_date	priority	completed	created_at
	Full Stack Assignment		2025-12-10	medium	0	2025-12-09 22:52:44

Below the table are standard MySQL operations buttons: Edit, Copy, Delete, and a "With selected" dropdown. At the bottom are "Query results operations" buttons for Print, Copy to clipboard, Export, Display chart, and Create view.

**Completed task, overdue, and pending tasks section also work in database:**

	<code>id</code>	<code>user_id</code>	<code>title</code>	<code>description</code>	<code>due_date</code>	<code>priority</code>	<code>completed</code>	<code>created_at</code>
	37	26	Full Stack Assignment	...	2025-12-10	medium	1	2025-12-09 22:52:44

**Other sections are under development:**

**Campus Hub**

- Dashboard
- Student Info
- Events & Schedule**
- Hostel Services
- Assignments
- Complaints

## Events & Schedule

Overview of your academic progress



### Events & Schedule

Class schedules and university events will appear here soon.

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**Campus Hub**

- Dashboard
- Student Info
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- Hostel Services**
- Assignments
- Complaints

## Hostel Services

Overview of your academic progress



### Hostel Services

Room allocation and mess management features are coming soon.

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**Campus Hub**

- Dashboard
- Student Info
- Events & Schedule
- Hostel Services
- Assignments
- Complaints**

## Complaint Center

Overview of your academic progress



### Complaint Center

Admin support and complaint tracking features are working soon.

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