

Comsats University of Islamabad

VHR Campus



Department: Computer Science

Topic: Database Systems Lab Final Project Screenshots

Members Name:

- Moaz Saeed
- Areeba Khan

Registration No.:

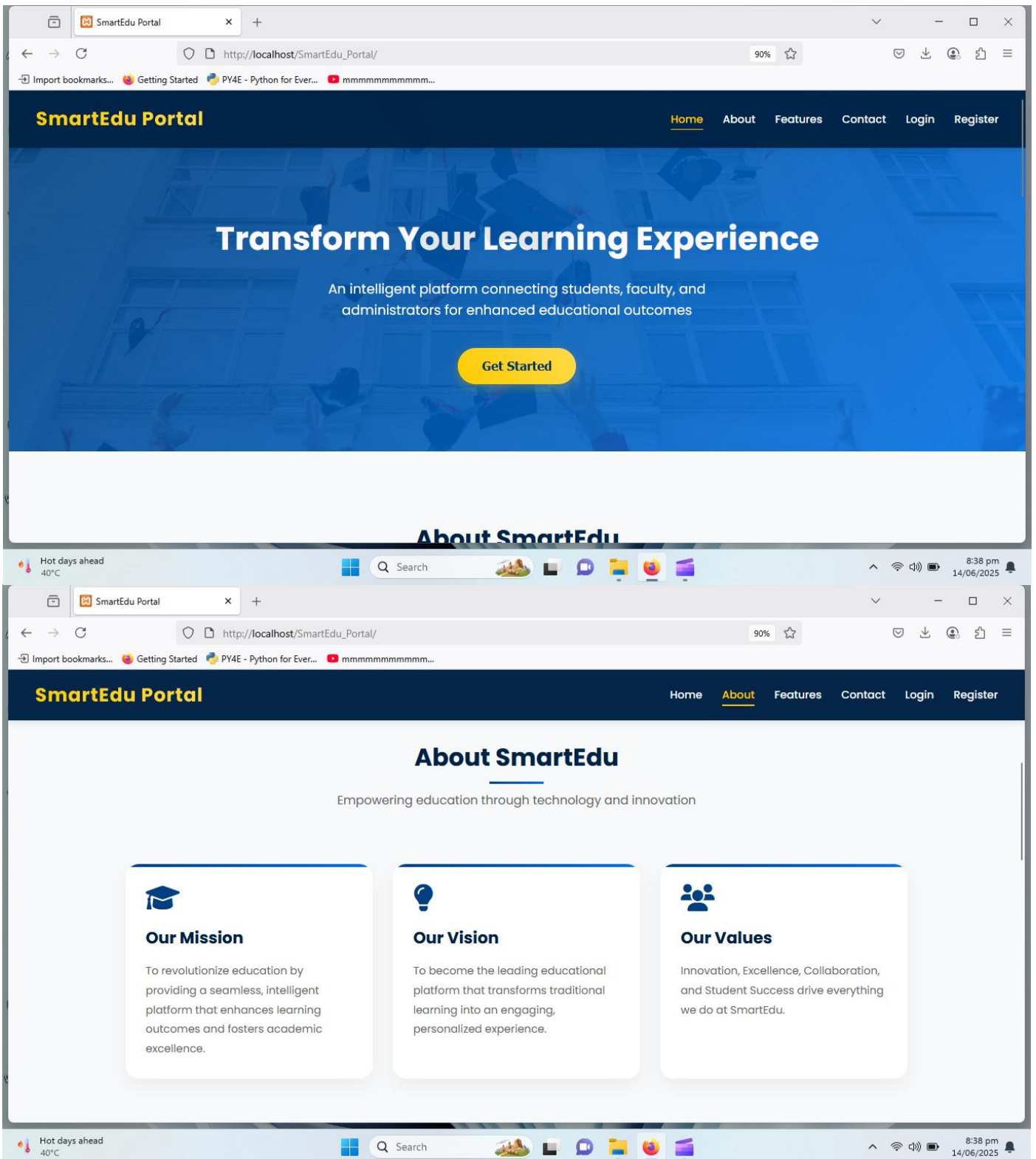
- SP23-BCS-031
- SP23-BCS-016

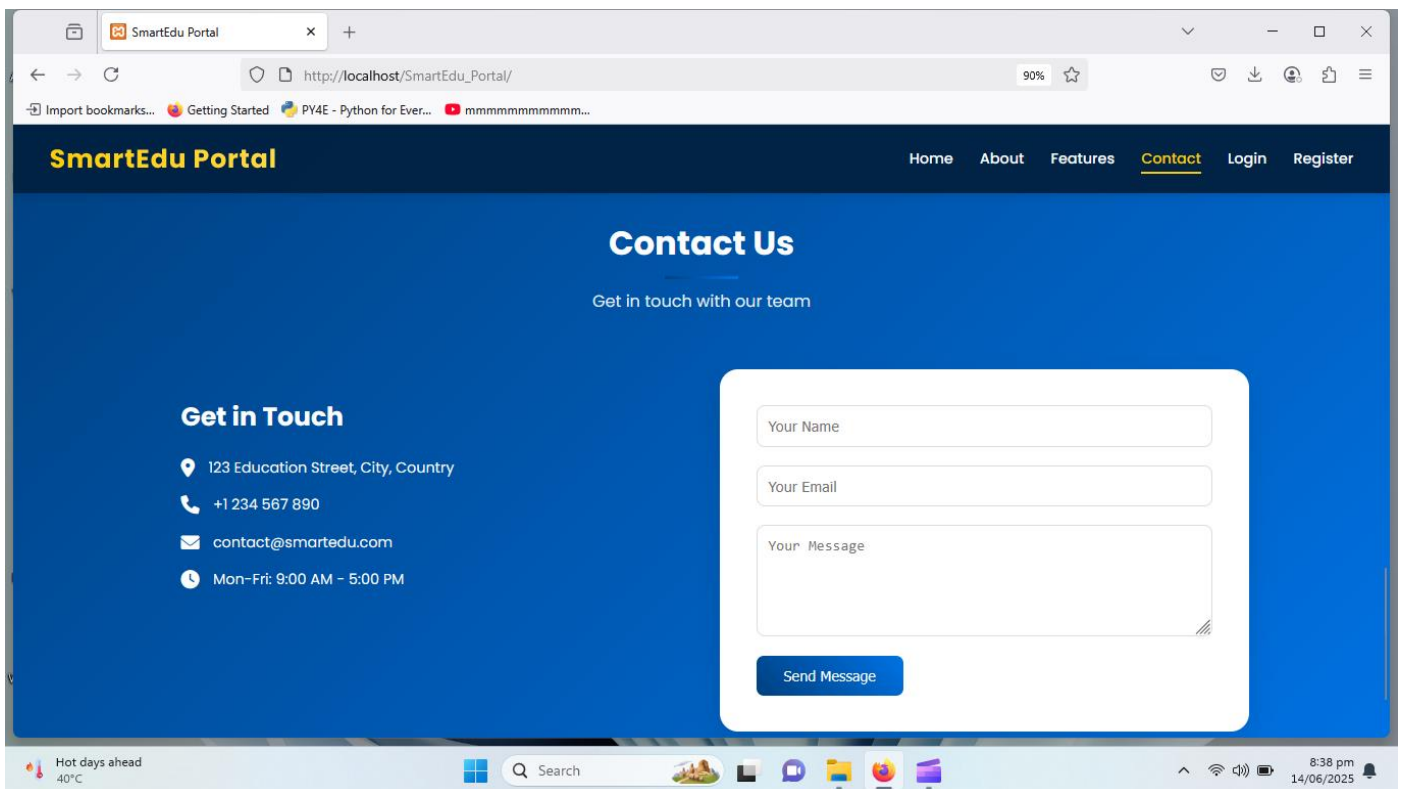
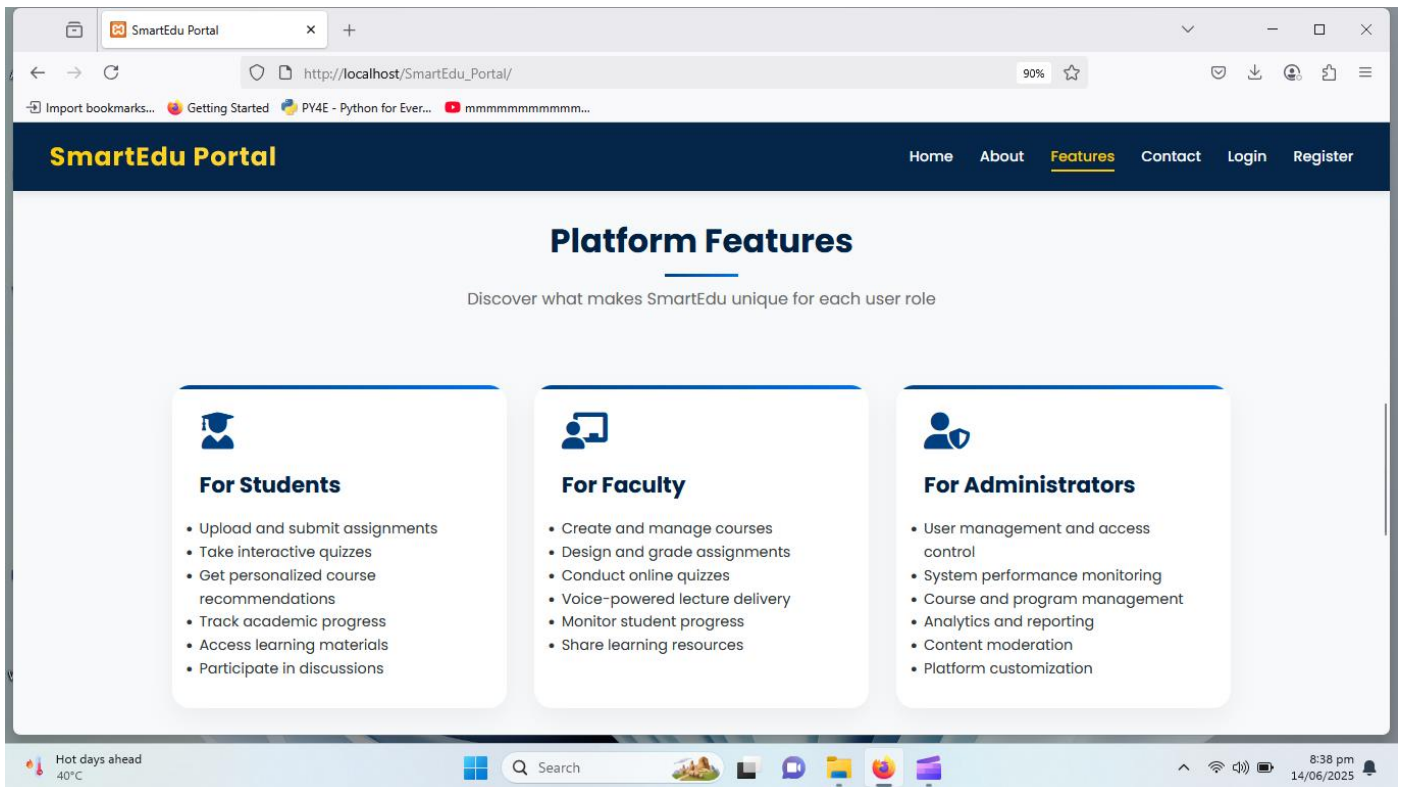
Section: A

Date of Submission: 17/05/2025

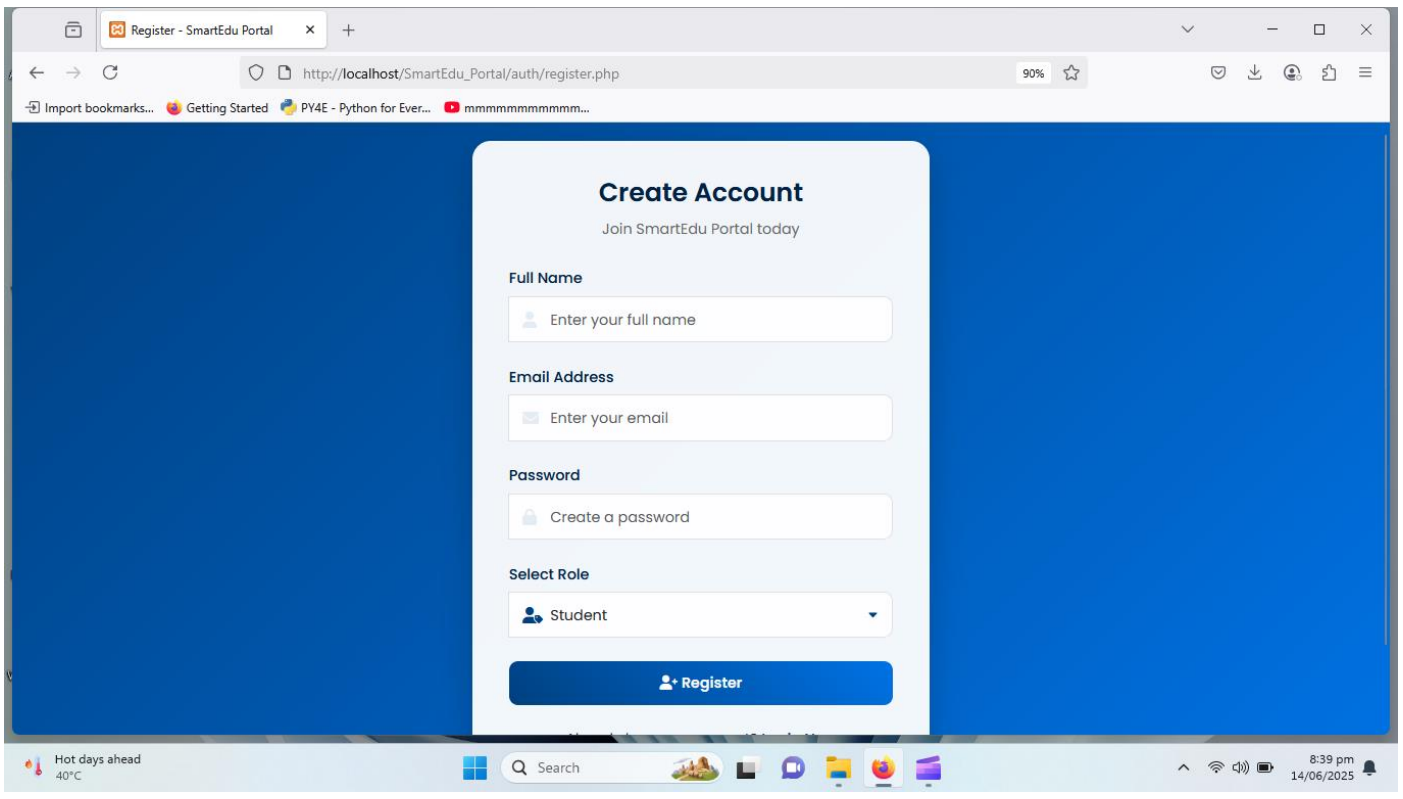
Subject: DataBase Systems

Main Page





Registration Page



The screenshot shows a web browser window with the title "Register - SmartEdu Portal". The address bar shows the URL "http://localhost/SmartEdu_Portal/auth/register.php". The page has a blue background. In the center, there is a white card titled "Create Account" with the subtitle "Join SmartEdu Portal today". The card contains the following fields: "Full Name" with a placeholder "Enter your full name", "Email Address" with a placeholder "Enter your email", "Password" with a placeholder "Create a password", and a "Select Role" dropdown menu currently showing "Student". At the bottom of the card is a blue button labeled "Register" with a user icon. The browser's taskbar at the bottom shows a weather widget for "Hot days ahead 40°C", a search bar, and various application icons. The system clock shows "8:39 pm 14/06/2025".

Create Account
Join SmartEdu Portal today

Full Name
Enter your full name

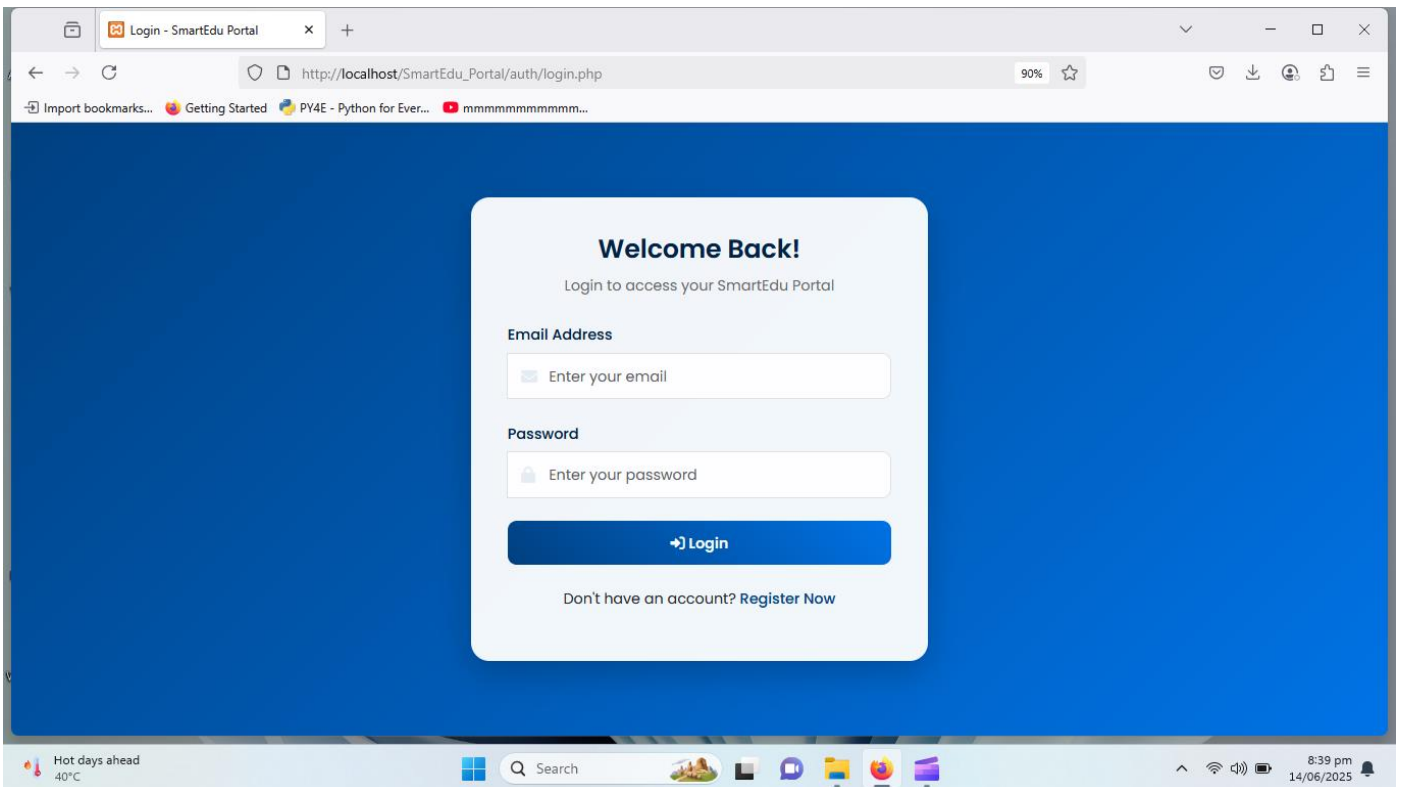
Email Address
Enter your email

Password
Create a password

Select Role
Student

Register

Login Page



The screenshot shows a web browser window with the title "Login - SmartEdu Portal". The address bar shows the URL "http://localhost/SmartEdu_Portal/auth/login.php". The page has a blue background. In the center, there is a white card titled "Welcome Back!" with the subtitle "Login to access your SmartEdu Portal". The card contains the following fields: "Email Address" with a placeholder "Enter your email", and "Password" with a placeholder "Enter your password". At the bottom of the card is a blue button labeled "Login" with a key icon. Below the button is a link that says "Don't have an account? Register Now". The browser's taskbar at the bottom shows a weather widget for "Hot days ahead 40°C", a search bar, and various application icons. The system clock shows "8:39 pm 14/06/2025".

Welcome Back!
Login to access your SmartEdu Portal

Email Address
Enter your email

Password
Enter your password

Login

Don't have an account? [Register Now](#)

Admin Pages

The screenshot shows the 'Admin Dashboard' page of the 'SmartEdu' system. The browser address bar shows 'http://localhost/SmartEdu_Portal/admin/dashboard.php'. The left sidebar contains the 'Admin Panel' with links to 'Dashboard', 'Manage Users', 'Manage Models', 'System Stats', and 'Logout'. The main content area features a welcome message for 'Moaz saeed' and a subtitle 'AI-Based Course Recommendation System (Admin View)'. Below this are three summary cards: 'Total Users' (12), 'Total Faculty' (6), and 'Total Students' (4). A 'System Overview' section lists three tasks: 'Manage and register faculty and students', 'Upload and retrain ML models', and 'View system analytics and usage stats'. The Windows taskbar at the bottom shows the date as 14/06/2025 and the time as 8:39 pm.

Admin Dashboard - SmartEdu P X

http://localhost/SmartEdu_Portal/admin/dashboard.php

Admin Panel

Dashboard

Manage Users

Manage Models

System Stats

Logout

Welcome, Moaz saeed 🙌

AI-Based Course Recommendation System (Admin View)

Total Users
12

Total Faculty
6

Total Students
4

System Overview

- Manage and register faculty and students
- Upload and retrain ML models
- View system analytics and usage stats

Hot days ahead
40°C

Search

8:39 pm
14/06/2025

The screenshot shows the 'Manage Users' page of the 'SmartEdu' system. The browser address bar shows 'http://localhost/SmartEdu_Portal/admin/manage_users.php'. The left sidebar is identical to the dashboard page. The main content area has a 'Manage Users' title and a search bar with the placeholder 'Search by name, email, or role'. Below the search bar is a table with five columns: '#', 'Name', 'Email', 'Role', 'Created At', and 'Actions'. The table contains five rows of user data. Each row has 'Edit' and 'Delete' buttons in the 'Actions' column. The Windows taskbar at the bottom shows the date as 14/06/2025 and the time as 8:39 pm.

Manage Users - SmartEdu Portal X

http://localhost/SmartEdu_Portal/admin/manage_users.php

Admin Panel

Dashboard

Manage Users

Manage Models

System Stats

Logout

Manage Users

Search by name, email, or role

Search

Reset

#	Name	Email	Role	Created At	Actions
1	Areeba	areeba@gmail.com	Admin	2025-06-13	Edit Delete
2	maham	maham@gmail.com	Student	2025-06-13	Edit Delete
3	Areeba	areeba699@gmail.com	Student	2025-05-05	Edit Delete
4	Umair Farooq	sumair@gmail.com	Student	2025-05-03	Edit Delete
5	Ghazala Ashraf	ghazalaashraf@gmail.com	Faculty	2025-05-03	Edit Delete

http://localhost/SmartEdu_Portal/admin/manage_users.php

Hot days ahead
40°C

Search

8:39 pm
14/06/2025

Manage Models - SmartEdu Portal

http://localhost/SmartEdu_Portal/admin/manage_models.php

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Import bookmarks...Getting StartedPY4E - Python for Ever...mmmmmmmmmm...

Admin Panel

Dashboard

Manage Users

Manage Models

System Stats

Logout

Manage Models

Upload New Model

Model Name

Description

Model File (H5/PKL)

Browse...

No file selected.

Upload Model

Search

Reset

#	Name	Description	File Path	Created At	Actions
1	Model1	i am creating	Download	2025-05-02	Delete

Hot days ahead
40°C

🔍 Search

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8:39 pm
14/06/2025

System Stats - SmartEdu Portal

http://localhost/SmartEdu_Portal/admin/system_stats.php

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Import bookmarks...Getting StartedPY4E - Python for Ever...mmmmmmmmmm...

Admin Panel

Dashboard

Manage Users

Manage Models

System Stats

Logout

System Stats - Welcome, Moaz saeed 🙌

View detailed system information

Server Uptime

29/05/2025 11:44:59 am

Total Models Uploaded

2

Database Size

0.56 MB

Active Users Today

0

PHP Version

8.2.12

Memory Usage (PHP)

0.49 MB

Server Software

Apache/2.4.58 (Win64) OpenSSL/3.1.3
PHP/8.2.12

Disk Usage

28.23 GB / 244.14 GB used

Additional Notes

- 🕒 Server Load: 29/05/2025 11:44:59 am
- 📄 ML Model Training History: [Coming Soon]

Hot days ahead
40°C

🔍 Search

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8:39 pm
14/06/2025

Facility Pages

Faculty Dashboard - SmartEdu | X

+

← → ↺

🔒 http://localhost/SmartEdu_Portal/faculty/dashboard.php

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🔖 Import bookmarks... 🔥 Getting Started 🐍 PY4E - Python for Ever... 📺 mmmmmmmmmmm...

🏠 Faculty Panel

📊 Dashboard

📁 Manage Courses

📋 Assignments

👤 Students

🎤 TTS Tools

❓ Quizzes

🚪 Logout

Welcome, Ghulam Fatima 🙋

Here's an overview of your teaching activity

+ Add Course

+ Add Assignment

Total Courses

1

Total Students

4

Upcoming Assignments

Your Courses

Course Name	Course Code	Enrolled Students	Progress	Actions
DataBase Systems	CSC270	4	<div></div>	<div>⚙️ Manage</div>

🔥 Hot days ahead
40°C

🪟 🔍 Search

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⬆️ 📶 🔊 🔋 8:39 pm
14/06/2025 📧

Manage Courses - SmartEdu P

X

← → ↺

🔒 http://localhost/SmartEdu_Portal/faculty/manage_courses.php

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🔖 Import bookmarks... 🔥 Getting Started 🐍 PY4E - Python for Ever... 📺 mmmmmmmmmmm...

🏠 Faculty Panel

📊 Dashboard

📁 Manage Courses

📋 Assignments

👤 Students

🎤 TTS Tools

❓ Quizzes

🚪 Logout

Manage Courses - Welcome, Ghulam Fatima 🙋

Add, update, or remove courses from your portfolio

+ Add New Course

Course Code	Title	Description	Actions
CSC270	DataBase Systems	Explore the fundamentals of database design, implementation, and management. Learn SQL, data modeling, normalization, and transaction processing. Gain hands-on experience with relational and NoSQL databases. Essential for careers in software development and data analytics.	<div>⚙️ Manage</div>

🔥 Hot days ahead
40°C

🪟 🔍 Search

🏠 📁 📋 🎤 📺 📺

⬆️ 📶 🔊 🔋 8:39 pm
14/06/2025 📧

Manage Assignments - SmartEdu

http://localhost/SmartEdu_Portal/faculty/manage_assignments.php

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Import bookmarks...Getting StartedPY4E - Python for Ever...mmmmmmmmmm...

Faculty Panel

Dashboard

Manage Courses

Assignments

Students

TTS Tools

Quizzes

Logout

Manage Assignments – Welcome, Ghulam Fatima 🙋

Add, update, or remove assignments for your courses

+ Add Assignment

Course	Title	Description	Due Date	Actions
DataBase Systems	Assignment 1	Assignment Questions: 1) Grouping Operations in SQL What are grouping operations in SQL? Explain their purpose with examples. List and describe different types of grouping functions (e.g., GROUP BY, HAVING, ROLLUP, CUBE). 2)Entity-Relationship (ER) Diagrams: What is an ER diagram? Explain its components (entities, attributes, relationships). Draw an ER diagram for a Library Management System with key entities (Book, Member, Loan) and define their relationships.	May 10, 2025	<div>Edit</div> <div>Delete</div>

http://localhost/SmartEdu_Portal/faculty/manage_assignments.php

Hot days ahead
40°C

🔍 Search

🌄🖨️📧📅🔥🖱️

8:39 pm
14/06/2025

Students - SmartEdu Portal

http://localhost/SmartEdu_Portal/faculty/students.php

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Import bookmarks...Getting StartedPY4E - Python for Ever...mmmmmmmmmm...

Faculty Panel

Dashboard

Manage Courses

Assignments

Students

TTS Tools

Quizzes

Logout

Enrolled Students – Welcome, Ghulam Fatima 🙋

View students enrolled in your courses

Student Name	Email	Course
<div>A</div> Areeba	areeba699@gmail.com	DataBase Systems
<div>M</div> maham	maham@gmail.com	DataBase Systems
<div>T</div> Taha	taha@gmail.com	DataBase Systems
<div>U</div> Umair Farooq	sumair@gmail.com	DataBase Systems

http://localhost/SmartEdu_Portal/faculty/students.php

Hot days ahead
40°C

🔍 Search

🌄🖨️📧📅🔥🖱️

8:40 pm
14/06/2025

Text-to-Speech Tools - SmartEdu

http://localhost/SmartEdu_Portal/faculty/faculty_tts_tools.php

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Import bookmarks...Getting StartedPY4E - Python for Ever...mmmmmmmmmm...

Faculty Panel

Dashboard

Manage Courses

Assignments

Students

TTS Tools

Quizzes

Logout

Text-to-Speech Tools

Convert text to speech, adjust voice settings, and more.

Enter Text

Welcome to the AI Course Recommendation System. This is the faculty TTS dashboard.

Voice

Pitch

Rate

Microsoft David - English (United States) (en)

Speak

Stop

Read Clipboard

Highlight & Read

http://localhost/SmartEdu_Portal/faculty/faculty_tts_tools.php

Hot days ahead
40°C

Search

8:40 pm
14/06/2025

Manage Quizzes - Faculty

http://localhost/SmartEdu_Portal/faculty/manage_quizzes.php

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Import bookmarks...Getting StartedPY4E - Python for Ever...mmmmmmmmmm...

Manage Quizzes

Quiz Title

Select Course

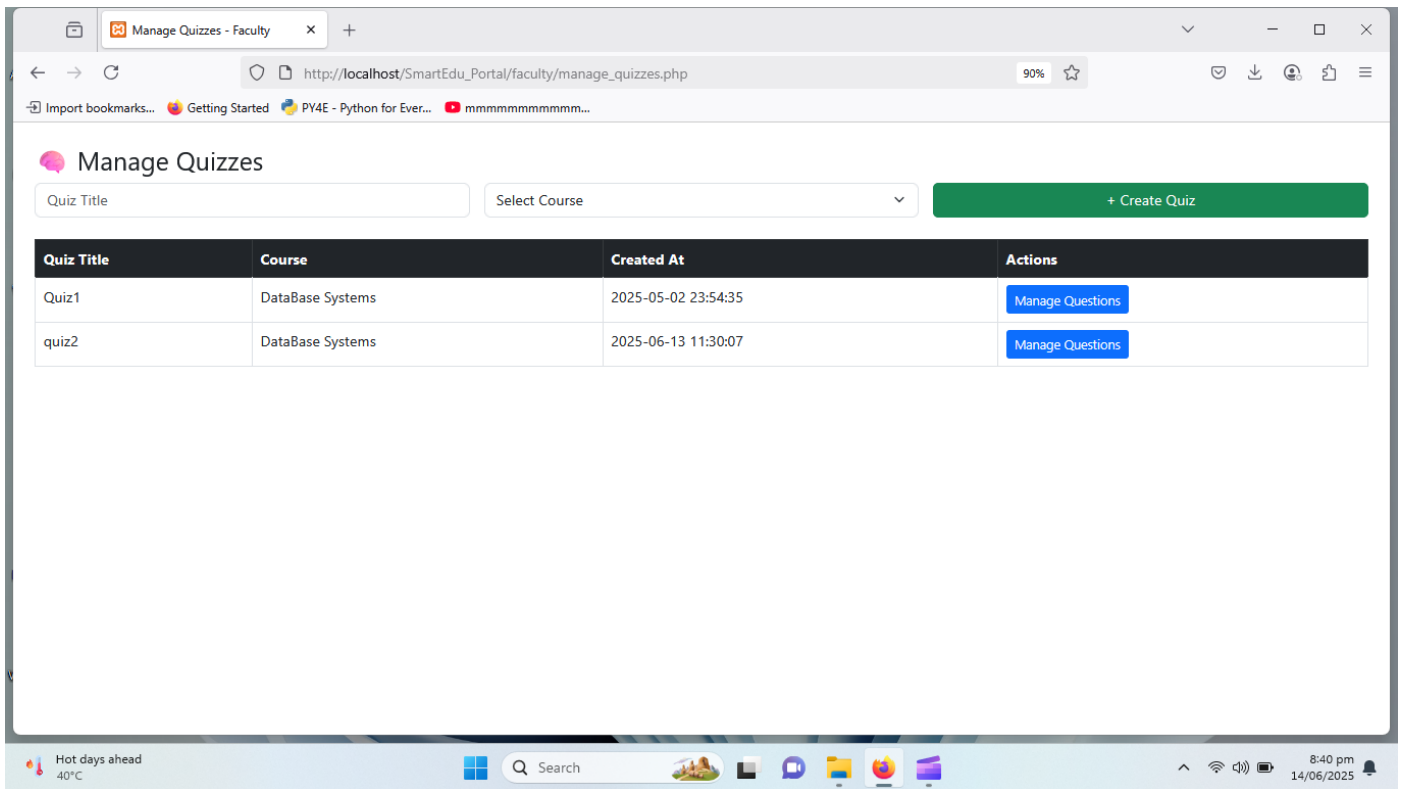
+ Create Quiz

Quiz Title	Course	Created At	Actions
Quiz1	DataBase Systems	2025-05-02 23:54:35	Manage Questions
quiz2	DataBase Systems	2025-06-13 11:30:07	Manage Questions

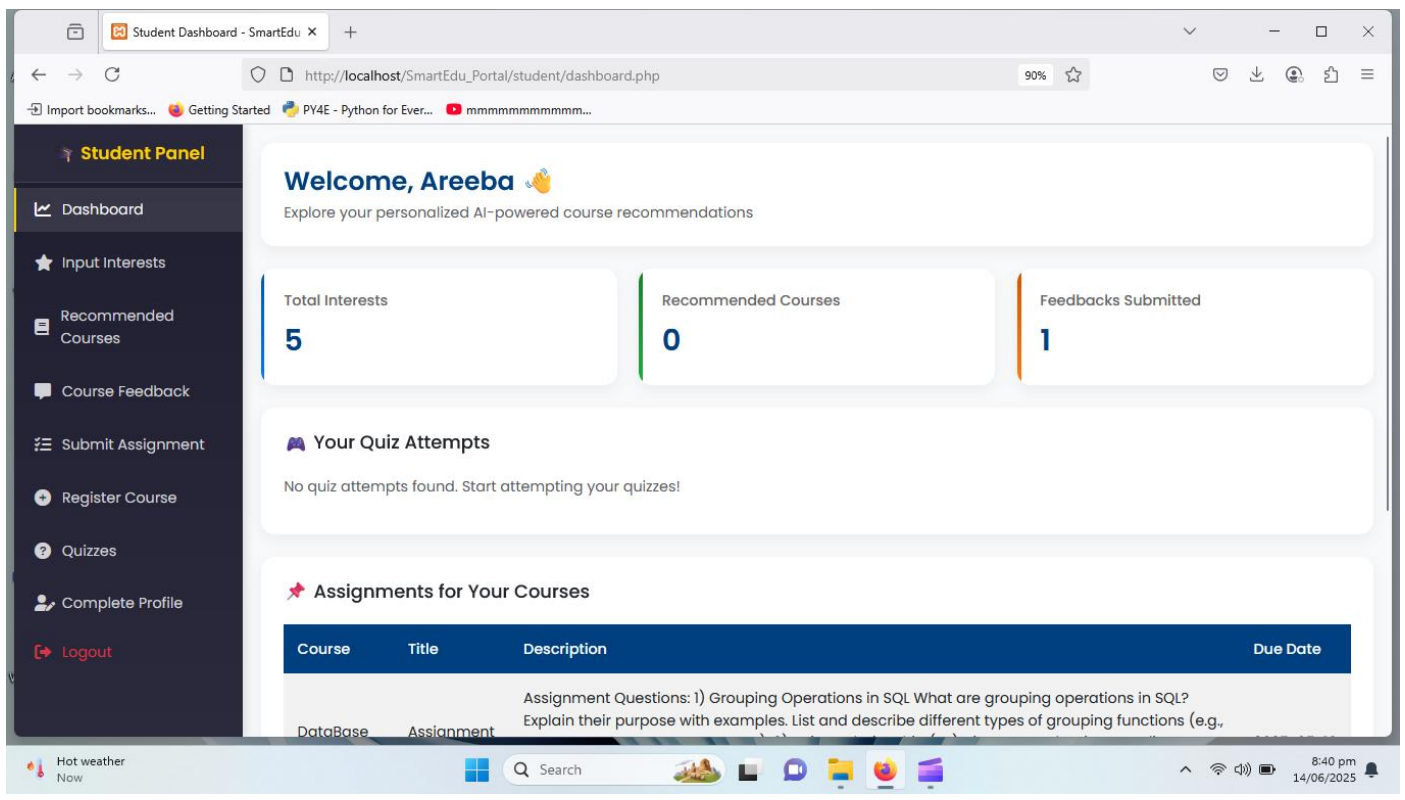
Hot days ahead
40°C

Search

8:40 pm
14/06/2025



Student Pages



Student Dashboard - SmartEdu X

http://localhost/SmartEdu_Portal/student/dashboard.php

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Import bookmarks... Getting Started PY4E - Python for Ever... mmmmmmmmmmm...

Student Panel

Dashboard

Input Interests

Recommended Courses

Course Feedback

Submit Assignment

Register Course

Quizzes

Complete Profile

Logout

No quiz attempts found. Start attempting your quizzes!

Assignments for Your Courses

Course	Title	Description	Due Date
DataBase Systems	Assignment 1	Assignment Questions: 1) Grouping Operations in SQL What are grouping operations in SQL? Explain their purpose with examples. List and describe different types of grouping functions (e.g., GROUP BY, HAVING, ROLLUP, CUBE). 2) Entity-Relationship (ER) Diagrams: What is an ER diagram? Explain its components (entities, attributes, relationships). Draw an ER diagram for a Library Management System with key entities (Book, Member, Loan) and define their relationships.	2025-05-10

Your Submitted Assignments

Assignment 1

this is assignment by Areeba khan

Submitted at: 2025-05-05 15:15:42

Hot weather Now

Search

8:40 pm 14/06/2025

Input Interests - SmartEdu Port: X

http://localhost/SmartEdu_Portal/student/input_interests.php

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☆

Import bookmarks... Getting Started PY4E - Python for Ever... mmmmmmmmmmm...

Student Panel

Dashboard

Input Interests

Recommended Courses

Course Feedback

Submit Assignment

Register Course

Quizzes

Complete Profile

Logout

Input Your Interests

Enter your areas of interest to receive personalized course recommendations

Interest Area

★ Enter your interest (e.g., Web Development, Data Science)

Add Interest

Your Current Interests

★ operating

★ database

★ calculus

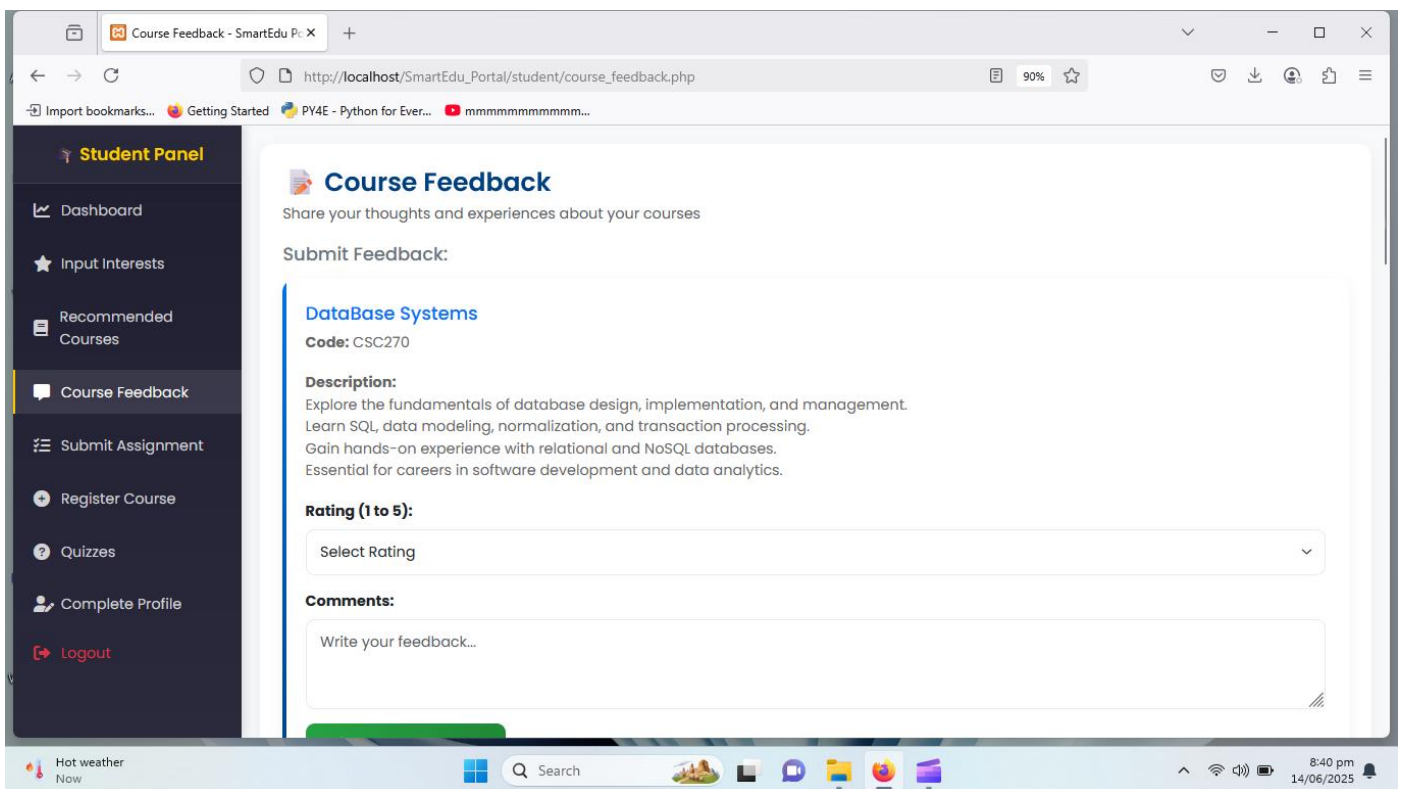
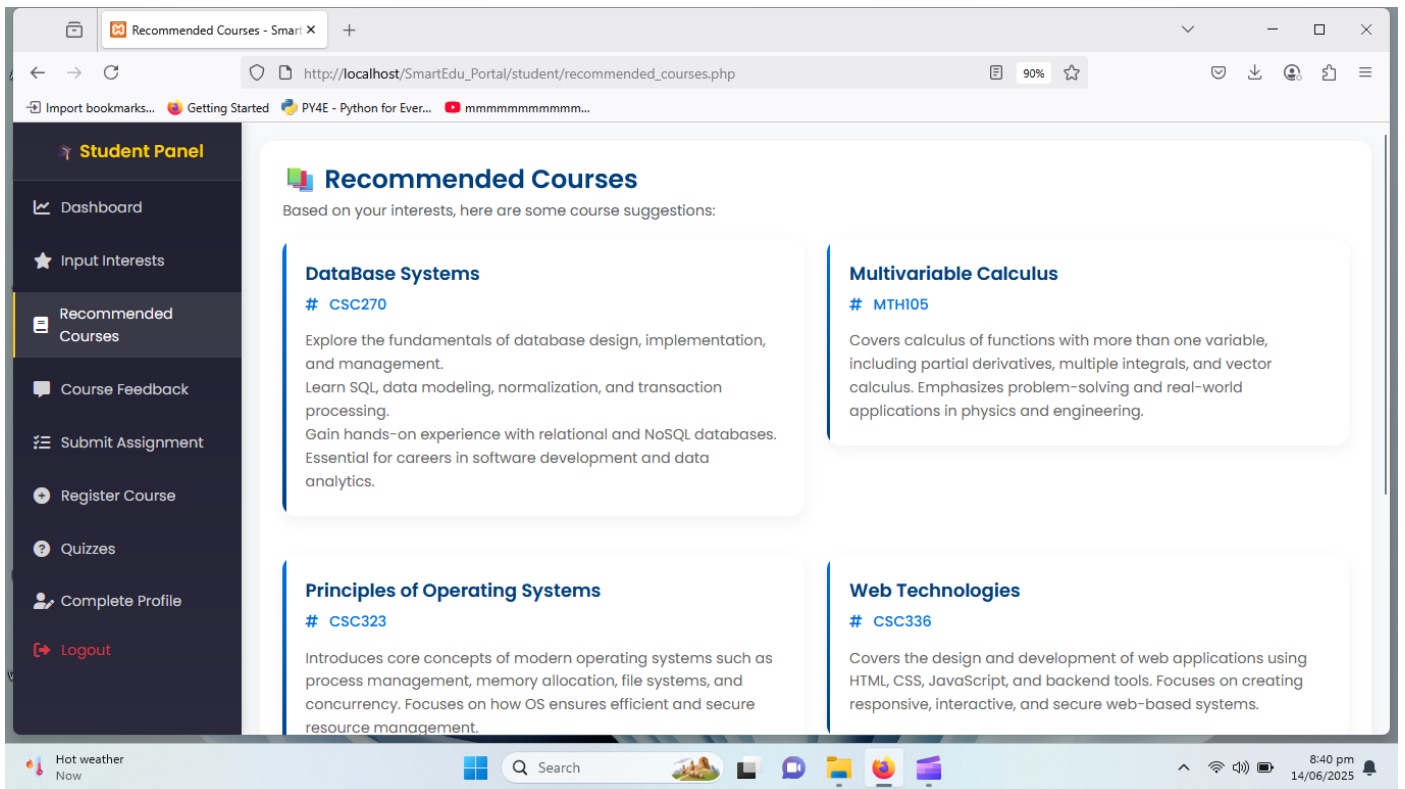
★ web

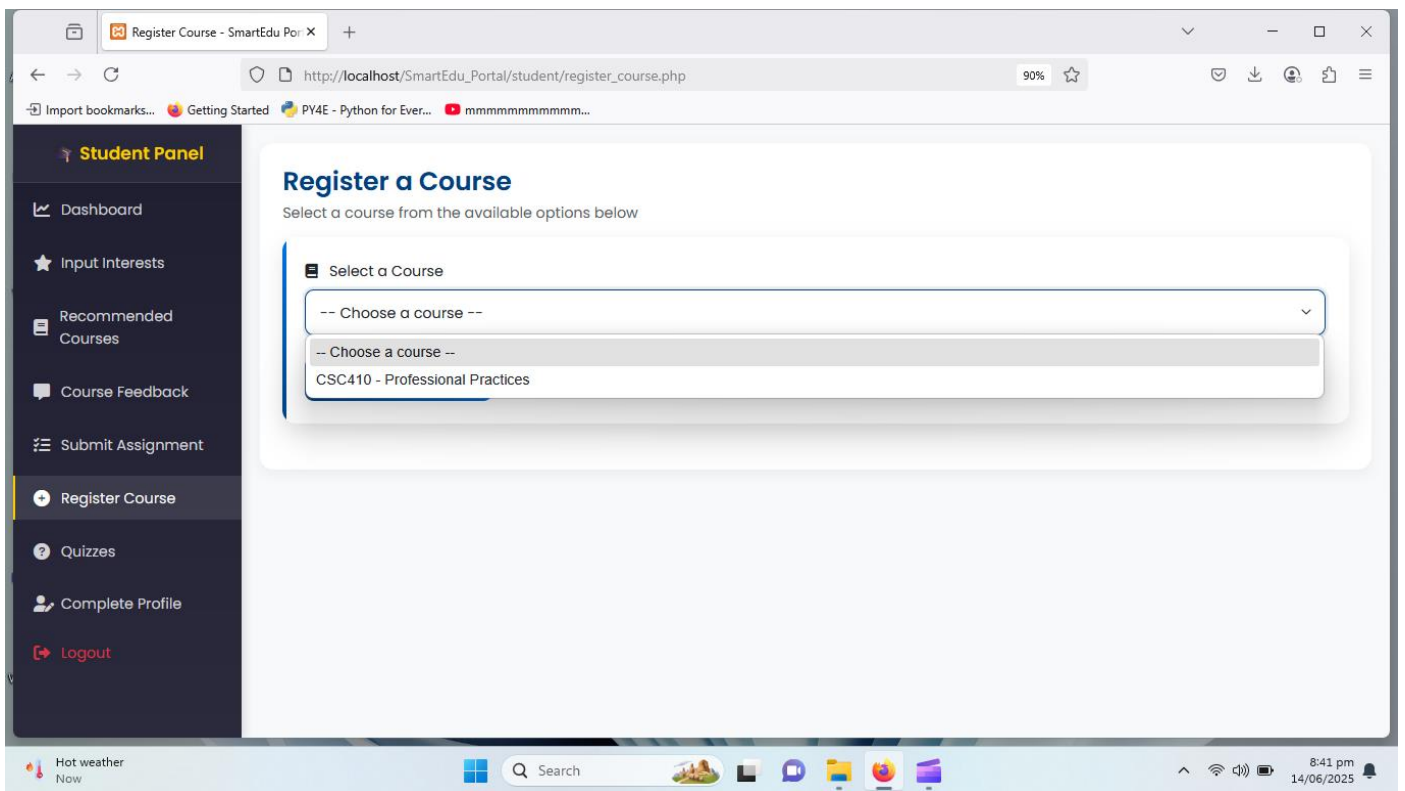
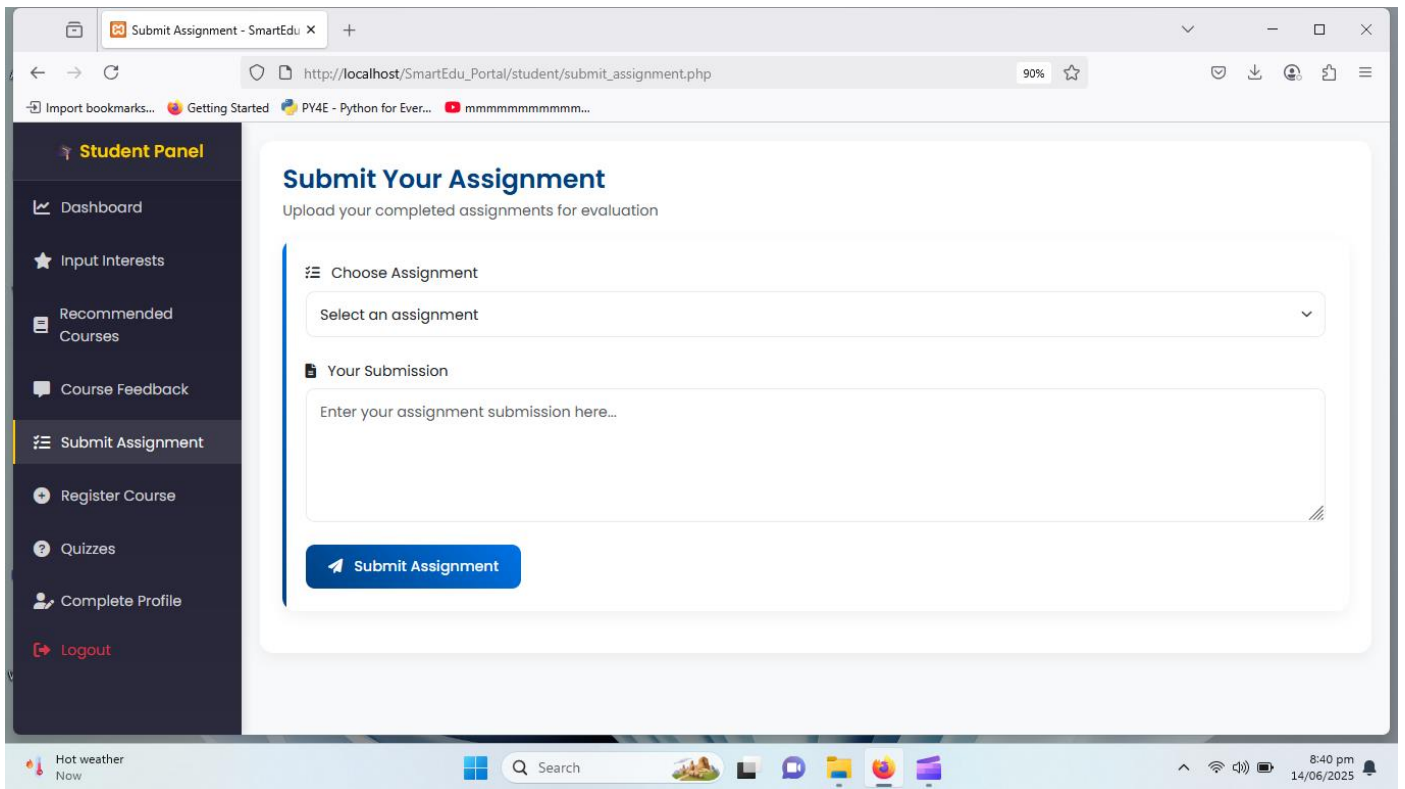
★ statistics and Probability

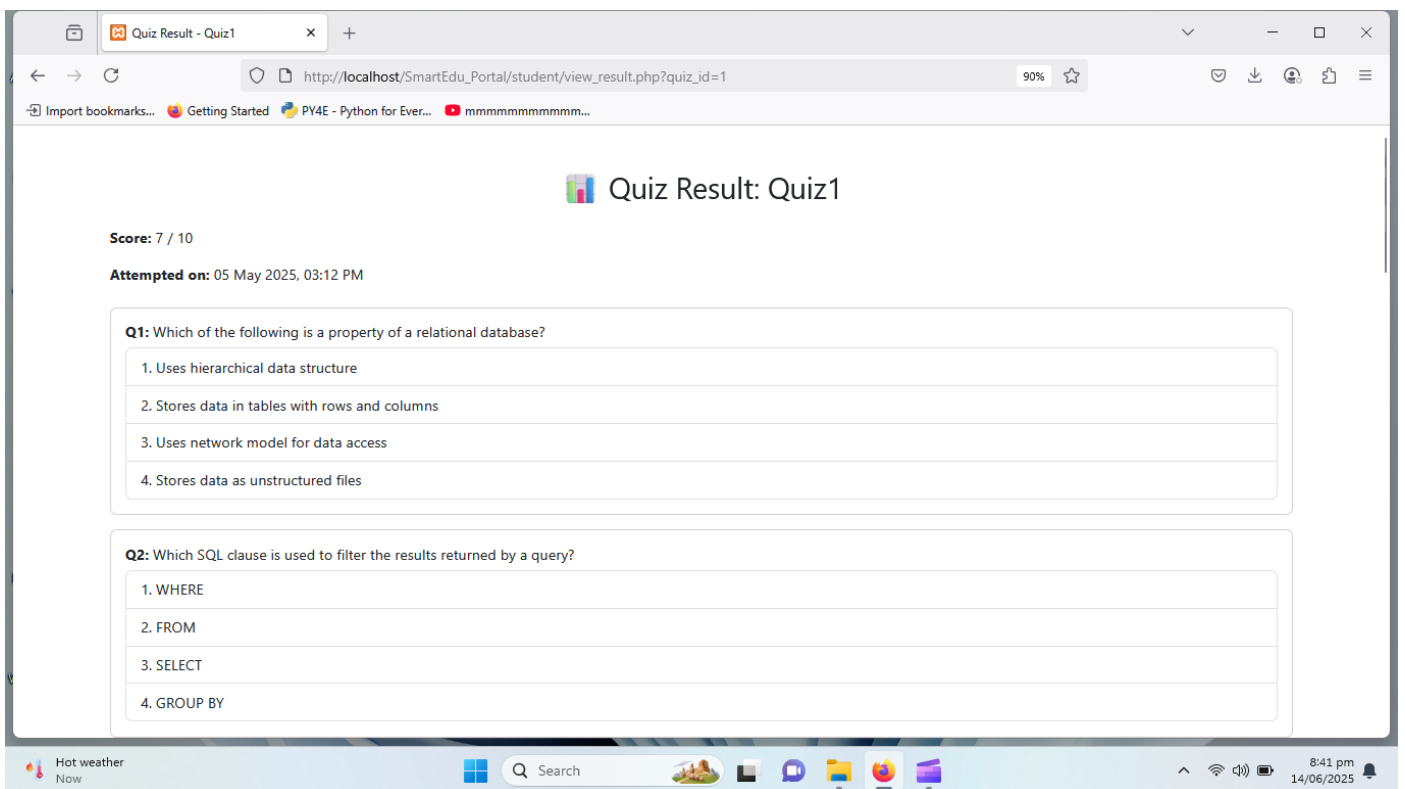
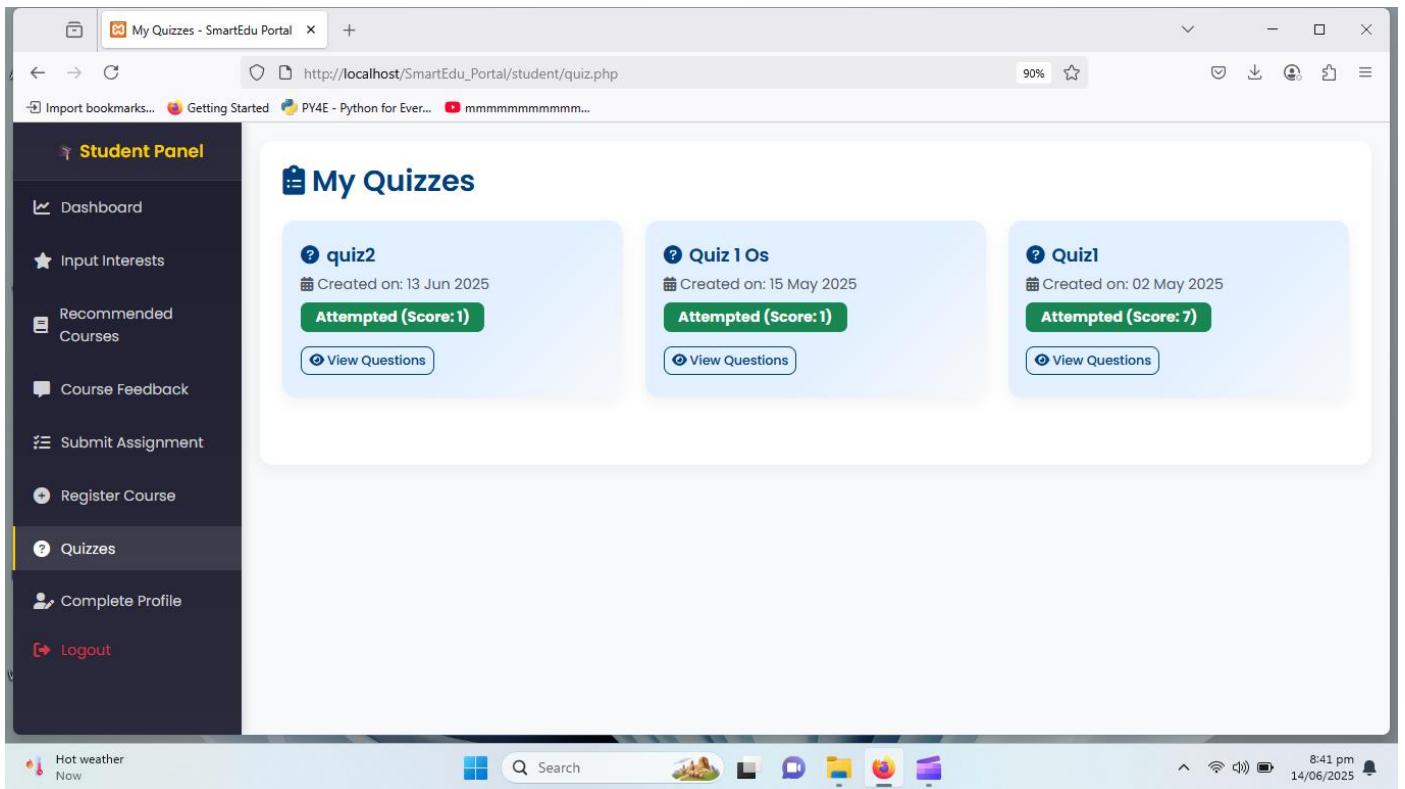
Hot weather Now

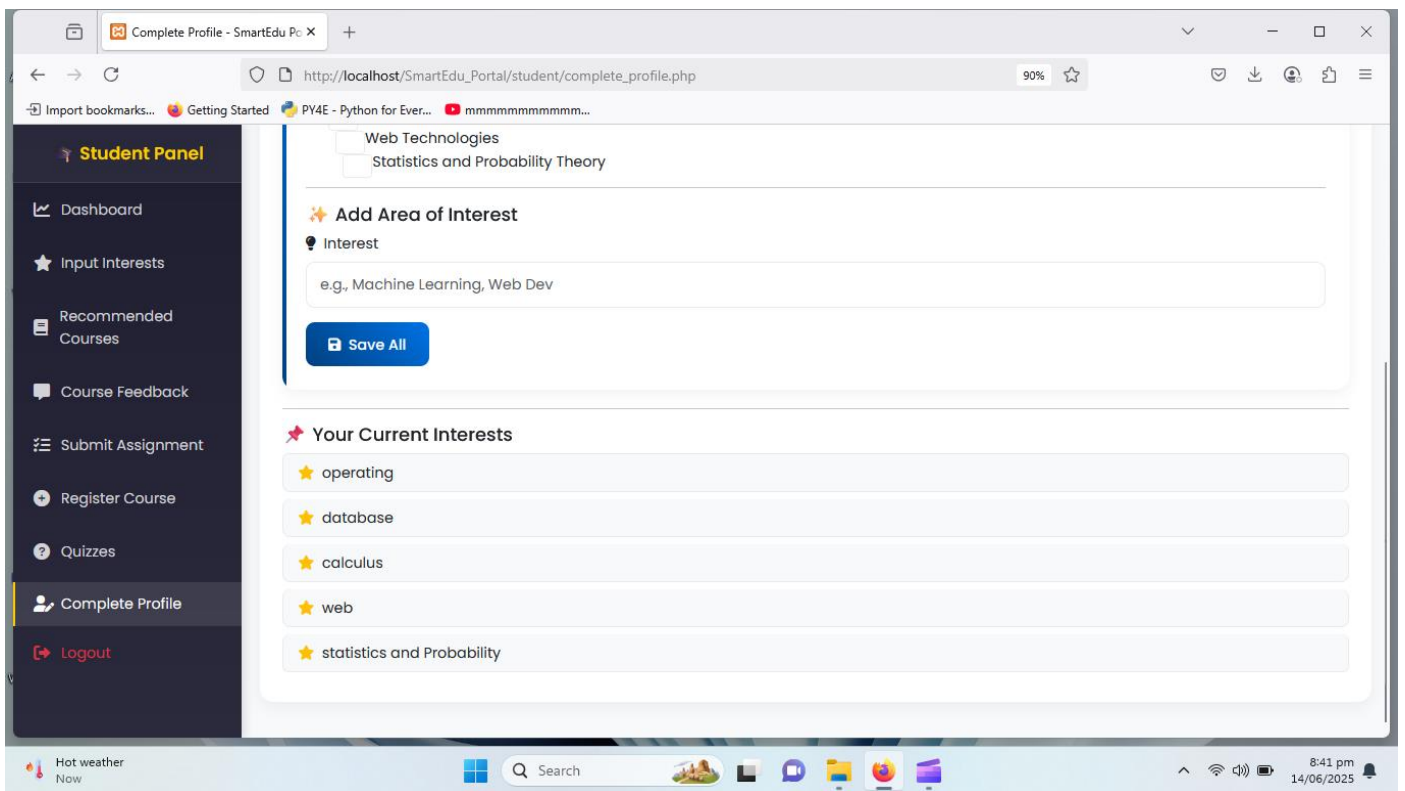
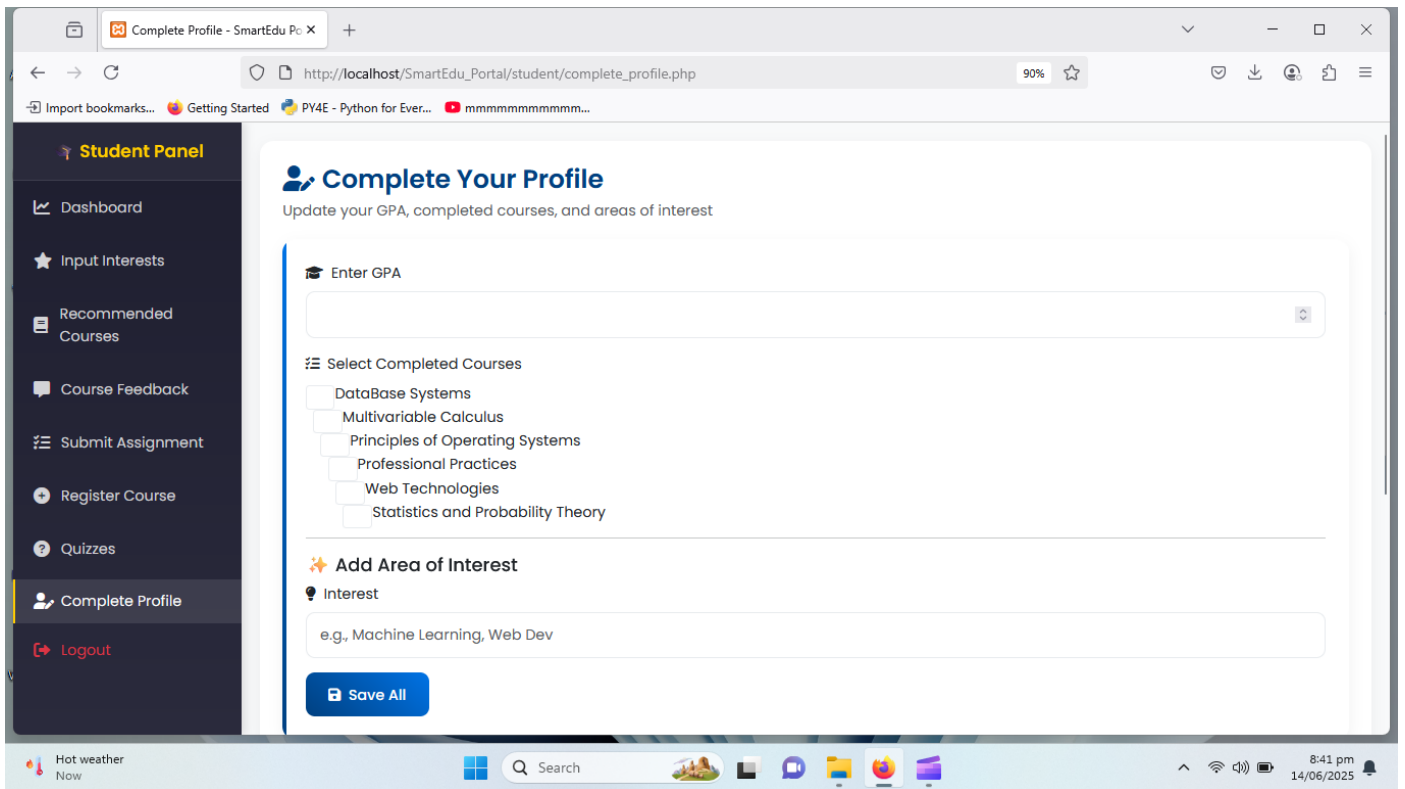
Search

8:40 pm 14/06/2025









Tables In Projects DataBase

The screenshot displays the phpMyAdmin web interface in a browser window. The address bar shows the URL: `http://localhost/phpmyadmin/index.php?route=/database/structure&db=ai_crs`. The interface is for the 'ai_crs' database. On the left, a sidebar shows a tree view of the database structure, including tables like 'assignments', 'assignment_submissions', 'courses', 'course_registrations', 'enrollments', 'feedback', 'models', 'questions', 'quizzes', 'quiz_answers', 'quiz_results', 'recommendations', 'students', 'student_answers', 'student_interests', 'student_quiz_attempts', 'users', 'user_activity', 'ajax_demo', 'alishba_live_score', 'areeba', and 'dawood_repeaters'. The main panel shows the 'Structure' tab for the 'ai_crs' database. It lists 18 tables with their respective row counts, types, collations, sizes, and overheads. The tables are: assignments (1 row, InnoDB, utf8mb4_general_ci, 32.0 KiB), assignment_submissions (2 rows, InnoDB, utf8mb4_general_ci, 16.0 KiB), courses (6 rows, InnoDB, utf8mb4_general_ci, 32.0 KiB), course_registrations (14 rows, InnoDB, utf8mb4_general_ci, 16.0 KiB), enrollments (14 rows, InnoDB, utf8mb4_general_ci, 48.0 KiB), feedback (2 rows, InnoDB, utf8mb4_general_ci, 48.0 KiB), models (2 rows, InnoDB, utf8mb4_general_ci, 16.0 KiB), questions (12 rows, InnoDB, utf8mb4_general_ci, 32.0 KiB), quizzes (3 rows, InnoDB, utf8mb4_general_ci, 32.0 KiB), quiz_answers (0 rows, InnoDB, utf8mb4_general_ci, 64.0 KiB), quiz_results (4 rows, InnoDB, utf8mb4_general_ci, 16.0 KiB), recommendations (1 row, InnoDB, utf8mb4_general_ci, 48.0 KiB), students (3 rows, InnoDB, utf8mb4_general_ci, 16.0 KiB), student_answers (22 rows, InnoDB, utf8mb4_general_ci, 16.0 KiB), student_interests (15 rows, InnoDB, utf8mb4_general_ci, 32.0 KiB), student_quiz_attempts (0 rows, InnoDB, utf8mb4_general_ci, 48.0 KiB), users (12 rows, InnoDB, utf8mb4_general_ci, 32.0 KiB), and user_activity (0 rows, InnoDB, utf8mb4_general_ci, 32.0 KiB). A summary row at the bottom indicates 18 tables with a total of 113 rows, using InnoDB with utf8mb4_general_ci collation, totaling 576.0 KiB with 0 B overhead. The bottom status bar shows the system temperature as 40°C, the time as 8:46 pm, and the date as 14/06/2025.

Table	Action	Rows	Type	Collation	Size	Overhead
assignments	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	32.0 KiB	-
assignment_submissions	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
courses	Browse Structure Search Insert Empty Drop	6	InnoDB	utf8mb4_general_ci	32.0 KiB	-
course_registrations	Browse Structure Search Insert Empty Drop	14	InnoDB	utf8mb4_general_ci	16.0 KiB	-
enrollments	Browse Structure Search Insert Empty Drop	14	InnoDB	utf8mb4_general_ci	48.0 KiB	-
feedback	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	48.0 KiB	-
models	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
questions	Browse Structure Search Insert Empty Drop	12	InnoDB	utf8mb4_general_ci	32.0 KiB	-
quizzes	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	32.0 KiB	-
quiz_answers	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	64.0 KiB	-
quiz_results	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
recommendations	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	48.0 KiB	-
students	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
student_answers	Browse Structure Search Insert Empty Drop	22	InnoDB	utf8mb4_general_ci	16.0 KiB	-
student_interests	Browse Structure Search Insert Empty Drop	15	InnoDB	utf8mb4_general_ci	32.0 KiB	-
student_quiz_attempts	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
users	Browse Structure Search Insert Empty Drop	12	InnoDB	utf8mb4_general_ci	32.0 KiB	-
user_activity	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
18 tables	Sum	113	InnoDB	utf8mb4_general_ci	576.0 KiB	0 B