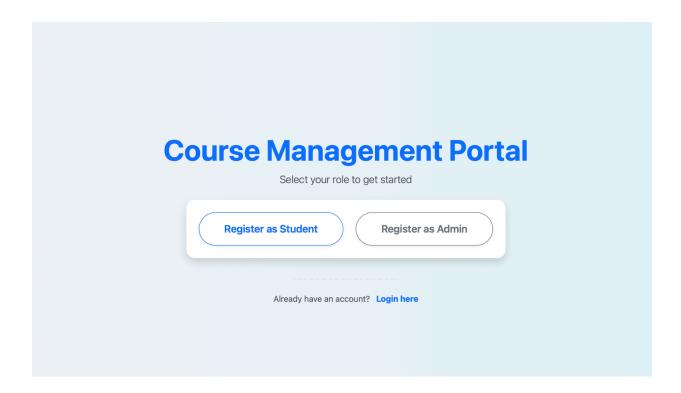# USER MANUAL - COURSE MANAGEMENT SYSTEM

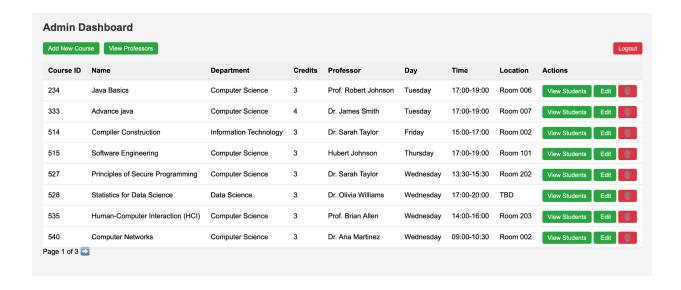Register as a Student or Admin

ADMIN FUNCTIONALITIES

- Admin Registration Details

Admin Registration

Full Name

Email

Phone

Department

Password

Re-enter Password

Register

Already registered? Login here

- Admin Dashboard

Admin Dashboard

<button>Add New CourseView ProfessorsLogout</button>

Course ID	Name	Department	Credits	Professor	Day	Time	Location	Actions
234	Java Basics	Computer Science	3	Prof. Robert Johnson	Tuesday	17:00-19:00	Room 006	View Students Edit
333	Advance java	Computer Science	4	Dr. James Smith	Tuesday	17:00-19:00	Room 007	View Students Edit
514	Compiler Construction	Information Technology	3	Dr. Sarah Taylor	Friday	15:00-17:00	Room 002	View Students Edit
515	Software Engineering	Computer Science	3	Hubert Johnson	Thursday	17:00-19:00	Room 101	View Students Edit
527	Principles of Secure Programming	Computer Science	3	Dr. Sarah Taylor	Wednesday	13:30-15:30	Room 202	View Students Edit
528	Statistics for Data Science	Data Science	3	Dr. Olivia Williams	Wednesday	17:00-20:00	TBD	View Students Edit
535	Human-Computer Interaction (HCI)	Computer Science	3	Prof. Brian Allen	Wednesday	14:00-16:00	Room 203	View Students Edit
540	Computer Networks	Computer Science	3	Dr. Ana Martinez	Wednesday	09:00-10:30	Room 002	View Students Edit

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- # View Students Enrolled In a Course

Students Enrolled in 515

<button>⬅ Back to Dashboard</button>

Student ID	Name	Email
221	Ayushi Patel	ayup25092@gmail.com
1254	Parthvi Patel	parthvi@123
666	Mahi Patel	mahi@test.com
444	Lali Patel	lali@123
555	Paul Walker	paul@test.com

- # View Professors and Their Details

Professors and Their Teaching Details

Name	Department	Courses Taught	Schedule	Total Credit Load
Dr. James Smith	Computer Science	Advance java,Computer Architecture, Database Systems,Research Methods in Computing	Tuesday 17:00-19:00,Wednesday 12:00-14:00,Tuesday 11:00-13:00,Monday 09:00-11:30	13
Prof. Emily Jones	Computer Science	Computer Algorithms and Analysis	Tuesday 14:00-16:00	3
Dr. Raj Patel	Mathematics	N/A	N/A	0
Dr. Olivia Williams	Data Science	Statistics for Data Science,Exploratory Data Analysis and Visualization	Wednesday 17:00-20:00,Thursday 17:30-20:00	6
Prof. Michael Brown	Cybersecurity	N/A	N/A	0
Dr. Sarah Taylor	Information Systems	Compiler Construction,Principles of Secure Programming	Friday 15:00-17:00,Wednesday 13:30-15:30	6
Prof. Robert Johnson	Software Engineering	Java Basics	Tuesday 17:00-19:00	3
Dr. Linda Lee	Artificial Intelligence	Master's Project	Friday 13:30-15:30	4
Prof.				

- ## Add Course with Constraint Management
Max capacity < 25
Preventing scheduling conflict for professors

+ Add New Course

Schedule conflict: Professor already assigned to course 571 on Tuesday (14:00 – 16:00). ✕

Course ID

954

Course Name

Python for Beginners

Department

Computer Science

Credits

3

Max Capacity

Value must be less than or equal to 25

50

Assign Professor

-- Select Professor --

Day of the Week

Tuesday

Start Time

05:00 PM

End Time

07:00 PM

Location (optional)

Room 109

Prerequisite Courses (optional)

Select Prerequisite Courses ▾

Description (optional)

← Back

Add Course

● Edit the added course

✏️ Edit Course - 333

Course Name

Advance java

Department

Computer Science

Description

None

Credits

4

Max Capacity

20

Professor

Dr. James Smith (Computer Science)

Prerequisite Courses (optional)

Select Prerequisite Courses ▾

Day of the Week

Tuesday

Start Time

05:00 PM

End Time

07:00 PM

Location

Room 007

💾 Save Changes

⬅️ Cancel

● Delete Course

Admin Dashboard

Add New Course   View Professors   Logout

Course ID	Name	Department	Credits	Professor	Day	Time	Location	Actions
234	Java Basics	Computer Science	3	Prof. Robert Johnson	Tuesday	17:00-19:00	Room 006	View Students Edit 🗑
333	Advance java	Computer Science	4	Dr. James Smith	Tuesday	17:00-19:00	Room 007	View Students Edit 🗑
514	Compiler Construction	Information Technology	3	Dr. Sarah Taylor	Friday	15:00-17:00	Room 002	View Students Edit 🗑
515	Software Engineering	Computer S				17:00-19:00	Room 101	View Students Edit 🗑
527	Principles of Secure Programming	Computer S				13:30-15:30	Room 202	View Students Edit 🗑
528	Statistics for Data Science	Data Science	3	Dr. Olivia Williams	Wednesday	17:00-20:00	TBD	View Students Edit 🗑
535	Human-Computer Interaction (HCI)	Computer Science	3	Prof. Brian Allen	Wednesday	14:00-16:00	Room 203	View Students Edit 🗑
540	Computer Networks	Computer Science	3	Dr. Ana Martinez	Wednesday	09:00-10:30	Room 002	View Students Edit 🗑

Are you sure you want to delete this course?

Cancel   OK

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STUDENT FUNCTIONALITIES

● Student Register with Constraint

Prevent registration for students not having GPA between 0 to 4

Student Registration

Student ID

095

Full Name

Aarav Patel

Email Address

aarav@test.com

Phone Number

2059439888

Match the requested format: Enter a GPA between 0.00 and 4.00

GPA (0.00 - 4.00)

4.8

Password

•••••••••

Re-enter Password

•••••••••

Register

Already registered? **Login here**

● Student Dashboard

👋 Welcome, Aarav Patel

Add / Drop Course

View My Courses

View All Courses And Prerequisites

Logout

- Add / Drop course with Constraints

Check Prerequisite before enrolling

Prevent enrolling in courses with time conflict

Enroll / Drop Courses

Search courses by name...

You must enroll in prerequisite course(s): 545 ✕

Course ID	Name	Department	Credits	Professor	Day	Time	Location	Slots	Action
234	Java Basics	Computer Science	3	Prof. Robert Johnson	Tuesday	17:00-19:00	Room 006	25 / 25	Enroll
333	Advance java	Computer Science	4	Dr. James Smith	Tuesday	17:00-19:00	Room 007	20 / 20	Enroll
514	Compiler Construction	Information Technology	3	Dr. Sarah Taylor	Friday	15:00-17:00	Room 002	25 / 25	Enroll
515	Software Engineering	Computer Science	3	Hubert Johnson	Thursday	17:00-19:00	Room 101	19 / 25	Drop
527	Principles of Secure Programming	Computer Science	3	Dr. Sarah Taylor	Wednesday	13:30-15:30	Room 202	19 / 25	Drop

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← Back to Dashboard

Enroll / Drop Courses

Search courses by name...

Schedule conflict with Software Engineering on Thursday (17:00-19:00) ✕

Course ID	Name	Department	Credits	Professor	Day	Time	Location	Slots	Action
234	Java Basics	Computer Science	3	Prof. Robert Johnson	Tuesday	17:00-19:00	Room 006	25 / 25	Enroll
333	Advance java	Computer Science	4	Dr. James Smith	Tuesday	17:00-19:00	Room 007	20 / 20	Enroll
514	Compiler Construction	Information Technology	3	Dr. Sarah Taylor	Friday	15:00-17:00	Room 002	25 / 25	Enroll
515	Software Engineering	Computer Science	3	Hubert Johnson	Thursday	17:00-19:00	Room 101	19 / 25	Drop
527	Principles of Secure Programming	Computer Science	3	Dr. Sarah Taylor	Wednesday	13:30-15:30	Room 202	20 / 25	Enroll

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← Back to Dashboard

- ## Search by Course Name

Enroll / Drop Courses

Comp

Course ID	Name	Department	Credits	Professor	Day	Time	Location	Slots	Action
535	Human-Computer Interaction (HCI)	Computer Science	3	Prof. Brian Allen	Wednesday	14:00-16:00	Room 203	19 / 20	Enroll
540	Computer Networks	Computer Science	3	Dr. Ana Martinez	Wednesday	09:00-10:30	Room 002	23 / 25	Enroll
545	Computer Architecture	Computer Science	3	Dr. James Smith	Wednesday	12:00-14:00	Room 001	25 / 25	Enroll

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← Back to Dashboard

- ## View Enrolled Courses with total credits enrolled

My Enrolled Courses

Total Credits Enrolled: 6

Course ID	Name	Department	Credits	Professor	Day	Time	Location
515	Software Engineering	Computer Science	3	Hubert Johnson	Thursday	17:00-19:00	Room 101
555	Database Systems	Computer Science	3	Dr. James Smith	Tuesday	11:00-13:00	TBD

+ Click here to Add/Drop Courses   ← Back to Dashboard

- ## View course details and prerequisites

View Course Details & Prerequisites

Select Course:

-- Choose a course --   View

← Back to Dashboard   + Add/Drop Courses

View Course Details & Prerequisites

Select Course:

✓ -- Choose a course --
515 - Software Engineering
545 - Computer Architecture
571 - Computer Algorithms and Analysis
696 - Research Methods in Computing
697 - Master's Project
698 - Master's Thesis
514 - Compiler Construction
527 - Principles of Secure Programming
528 - Statistics for Data Science
535 - Human-Computer Interaction (HCI)
540 - Computer Networks
552 - Python for Data Science
553 - Exploratory Data Analysis and Visualization
557 - Advanced Techniques in Data Science
555 - Database Systems
655 - Advanced Database Systems
666 - Software Process Management
574 - Image Processing
567 - IT Project Management
234 - Java Basics
333 - Advance java

View

Select Course:

333 - Advance java   View

Course Information

Course ID: 333

Name: Advance java

Department: Computer Science

Description: None

Credits: 4

Max Capacity: 20

Schedule: Tuesday | 17:00 - 19:00

Location: Room 007

Professor: Dr. James Smith (jsmith@msu.edu)

Prerequisite Courses

234 - Java Basics

Back to Dashboard   + Add/Drop Courses