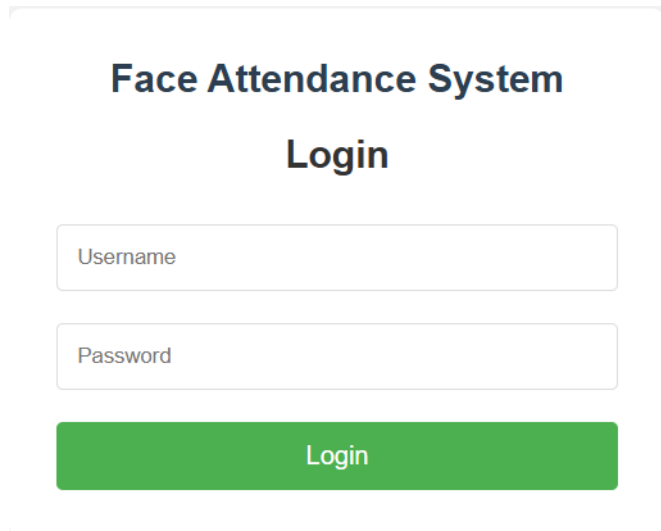


Screenshots of GUI

Dashboard (html + java + python backend server):

Html login page :



Face Attendance System

Login

Username

Password

Login

Students table:

Students

Instructors

Attendance

Departments

Courses

Enrollments

Update Student

Student ID

Enter student ID

Name

Enter new name

Email

Enter new email

Update Student

Delete Student

Student List

ID	Name	Email	Department	Actions
1	Zeyad Allam	Zeyadallam1@nu.edu.eg	Electrical Engineering	<div>EditDelete</div>
1003	Michael Brown	michael.brown@university.edu	Computer Engineering	<div>EditDelete</div>

Instructor table:

Students

Instructors

Attendance

Departments

Courses

Enrollments

Instructor List

ID	Name	Email	Hire Date	Department	Salary	Actions
3	Abdullah Mohamed	Abdullah@nu.edu	2025-05-30	Mechanical Engineering	120001.09	<div>EditDelete</div>

Attendance:

Students	Instructors	Attendance	Departments	Courses	Enrollments
Attendance Records					
ID	Student	Course	Date	Time In	Status
30	Zeyad Allam	Circuits I	2025-05-31	N/A	Present
31	Zeyad Allam	Circuits I	2025-05-31	N/A	Present

Department:

Add New Department

Add New Department

Department ID (auto-assigned for new departments)

Leave empty for new department

Name*

Enter department name

Location

Enter department location

Budget (\$)

Enter department budget

Save Department

Cancel

Department List

ID	Name	Location	Budget	Actions
23	Electrical Engineering	Building A	\$1,000,001.01	<div>EditDelete</div>
24	Mechanical Engineering	Building B	\$950,000	<div>EditDelete</div>
25	Computer Engineering	Building C	\$1,200,000	<div>EditDelete</div>
34	Chemical Engineering	Building e	\$100,000	<div>EditDelete</div>

Courses:

Add New Course

Course ID

Code

Name

Credits

Department

Select Department



Save Course

Cancel

Course List

ID	Code	Name	Credits	Department	Actions
40	EE101	Circuits I	3	Electrical Engineering	Edit Delete
41	EE102	Electromagnetics	3	Electrical Engineering	Edit Delete
42	ME101	Thermodynamics	3	Mechanical Engineering	Edit Delete
43	ME102	Fluid Mechanics	3	Mechanical Engineering	Edit Delete
44	CE101	Digital Logic Design	3	Computer Engineering	Edit Delete
45	CE102	Computer Architecture	3	Computer Engineering	Edit Delete
54	ECE2352	Signals	8	Computer Engineering	Edit Delete

Enrollments:

Students

Instructors

Attendance

Departments

Courses

Enrollments

Enrollment List

ID	Student	Course	Enrollment Date
20	Zeyad Allam	Circuits I	2023-05-18

Gui:

1. Add student to db (add_student_gui.py)

tk

M Smart Attendance

U User Name

Pages

- Dashboard
- Take Attendance
- Enroll Students
- Add Students
- Add Students

Name

Department

Email

Start Capuring

2. Add to instructor (add to instructor gui.py)

tk

M Smart Attendance

U User Name

Pages

- Dashboard
- Take Attendance
- Enroll Students
- Add Instructors
- Add Students

Name

Hire Date

Department

Salary

Email

Password

Continue

3. Enroll students (enroll student gui.py):

tk

Smart Attendance

Pages

Dashboard

Take Attendance

Enroll Students

Add Students

Enroll Student

Student_id

Enrollment Date

2025-05-31

Course_id

Continue

4. Take attendance (take attendance gui.py):

tk

M Smart Attendance

Pages

Dashboard

Take Attendance

Enroll Students

Add Instructors

Add Students

Course name

Select date...

Start

Messages

	attendance_id	student_id	course_id	attendance_date	timestamp_in	status
1	30	1	40	2025-05-31	NULL	Present
2	31	1	40	2025-05-31	NULL	Present