

# VASHISHTH TECHNOLOGIES

## **WEBSITE DEVELOPMENT ASSIGNMENT:-**

The entire project is uploaded on the github . To access the project:-

<https://github.com/sahilmsanap/attendance-tip.git>

## **README.md:-**

Attendance System A simple and efficient web-based attendance management system built for colleges, allowing professors to track student attendance across different divisions.

It includes:-

Login page for professors(username:- prof1, password:- password123) Home dashboard showing division selection Interface for marking student attendance Student management interface Monthly attendance report view Technology Stack

Backend Framework: Python Flask 2.3.x Database: SQLite3

Frontend: HTML5 Bootstrap 5.1.3 JavaScript

Additional Libraries:- Flask-SQLAlchemy Datetime

Features:- Professor Authentication Secure login system Session management Multiple professor accounts

Student Management:- Add new students Remove existing students Assign students to divisions (A/B)

Attendance Tracking:- Mark attendance by division Date-wise attendance recording Update existing attendance records

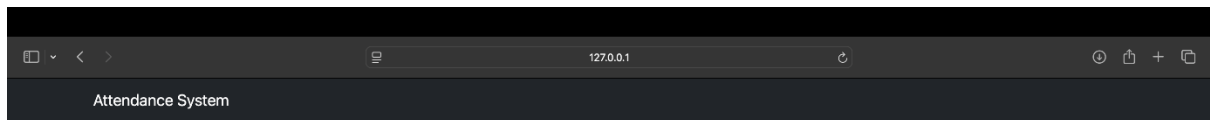
Reporting:- Monthly attendance summary Present/Absent day counts Division-wise student lists

## **To run the project:- go to the terminal and type:-**

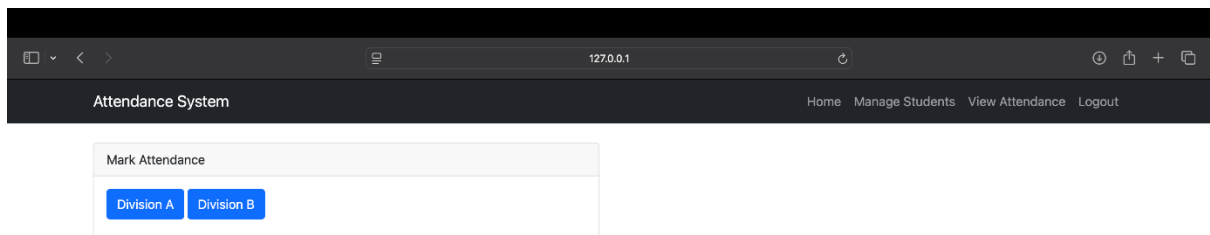
python app.py

## **Screenshots:-**

### **Login Page:**



**After login page, this is the main page:-**



**Add and Remove Students page:-**

Attendance System

HomeManage StudentsView AttendanceLogout

Add New Student

Name

Imran

Division

✓ A

B

Add Student

Student List

Name	Division	Action
Aman	A	Delete
Soham	A	Delete
Rekha	A	Delete
Pillai	A	Delete
Shash	A	Delete
Yush	A	Delete
Saanvi	A	Delete
Chitra	A	Delete
Myria	A	Delete
Portia	A	Delete
Antonio	B	Delete
Bassanio	B	Delete
Sherlock	B	Delete
python	B	Delete
Jaizesh	B	Delete

## Mark the attendance page:-

Attendance System

HomeManage StudentsView AttendanceLogout

Mark Attendance - Division B

Date

17/01/2025

Name	Status
Antonio	Present
Bassanio	Present
Sherlock	Present
python	Present
Jaizesh	Present
Patil	Present
java	Present
jowsna	Present

Submit Attendance

Attendance System

[Home](#) [Manage Students](#) [View Attendance](#) [Logout](#)

Attendance marked successfully!

Mark Attendance

Division A

Division B

## View Attendance Report Page:-

Attendance System

[Home](#) [Manage Students](#) [View Attendance](#) [Logout](#)

Monthly Attendance Report

Name	Division	Present Days	Absent Days
Aman	A	3	1
Soham	A	3	1
Rekha	A	3	1
Pillai	A	4	0
Shash	A	4	0
Yush	A	3	1
Saarvi	A	3	1
Chitra	A	3	1
Myria	A	3	1
Portia	A	3	1
Antonio	B	3	0
Bassanio	B	3	0
Sherlock	B	3	0
python	B	2	1
Jaizesh	B	3	0
Patil	B	3	0
java	B	3	0
Diya	A	0	1