



THE MAVERICK'S PRESENTS



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Attendance system using AI

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PROBLEM STATEMENT

To Create a computer vision-based attendance system. The user should be able to feed the system a live video or picture stream, and the system should automatically register attendance for that specific audience in real time.

COMING UP WITH SOLUTION

3 MODES FOR CONVENIENCE



LIVE FEED



STATIC IMAGE



VIDEO PLAYBACK



TECHNOLOGIES WE USED



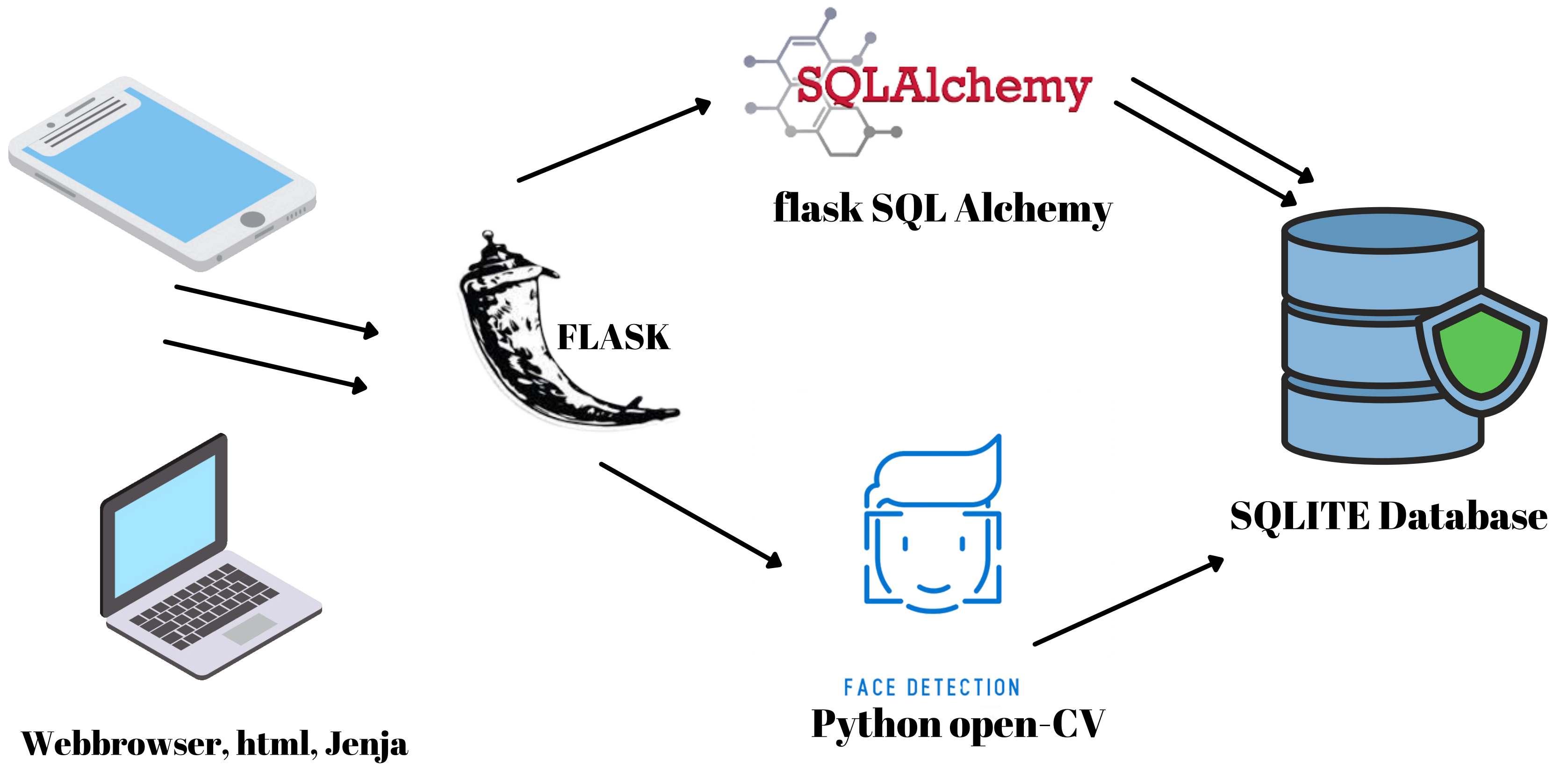
01 HTML & CSS

02 BOOTSTRAP

03 FLASK

04 PYTHON open-cv

05 SQLITE DATABASE

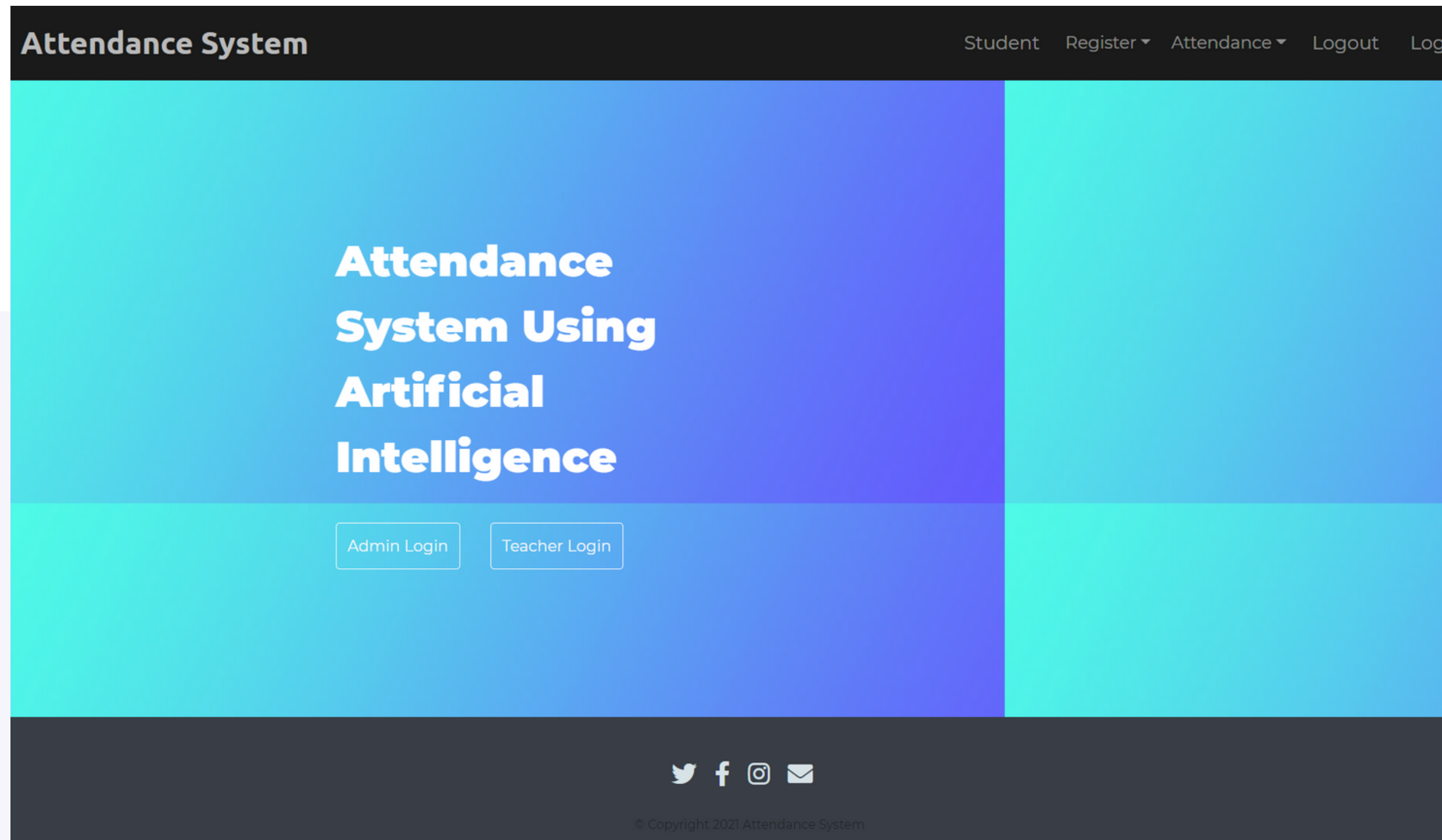


PROBLEMS FACED DURING IMPLEMENTATION

- **Integrating multiple modes**
- **Using external IP cameras caused latency**



LET'S HAVE A QUICK VIEW OF HOW EVERYTHING WORKS



1. We hope our AI powered website will make the attendance taking process less tedious for both teachers and students

2. Making the access of attendance data of students seamless and totally automated.

We hope you learned something new.



THANK YOU