

## **Use FingerPrint**

- When entering the class, the fingerprint will be used to confirm the student's entry into the class.
- When the system confirms the student's fingerprint, it will start counting the time the student is in the class. When the student leaves the class and needs a fingerprint, the system will not count the time the student is in the class.
- At the end of the class, the teacher will output a file containing the student's name, student ID, and class attendance time. If any student does not attend the required amount of time → absent.

## **Quiz Local IP**

- Create a quiz attendance service, using only local ip
- The teacher sets the question and answer in multiple choice style; the teacher will choose 1 answer and the student must choose within the next 20 seconds; this ensures that only students in the class know the answer
- The system only accepts answers and requests from local ip, this will cause students from requests from other ips to not be accepted