

君の出席は。Remote Attendance System (RAS)

Practice of Machine Design

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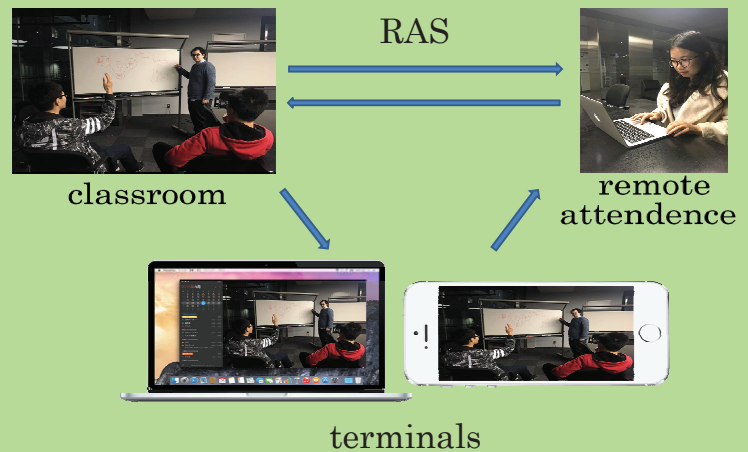
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Description & Motivation

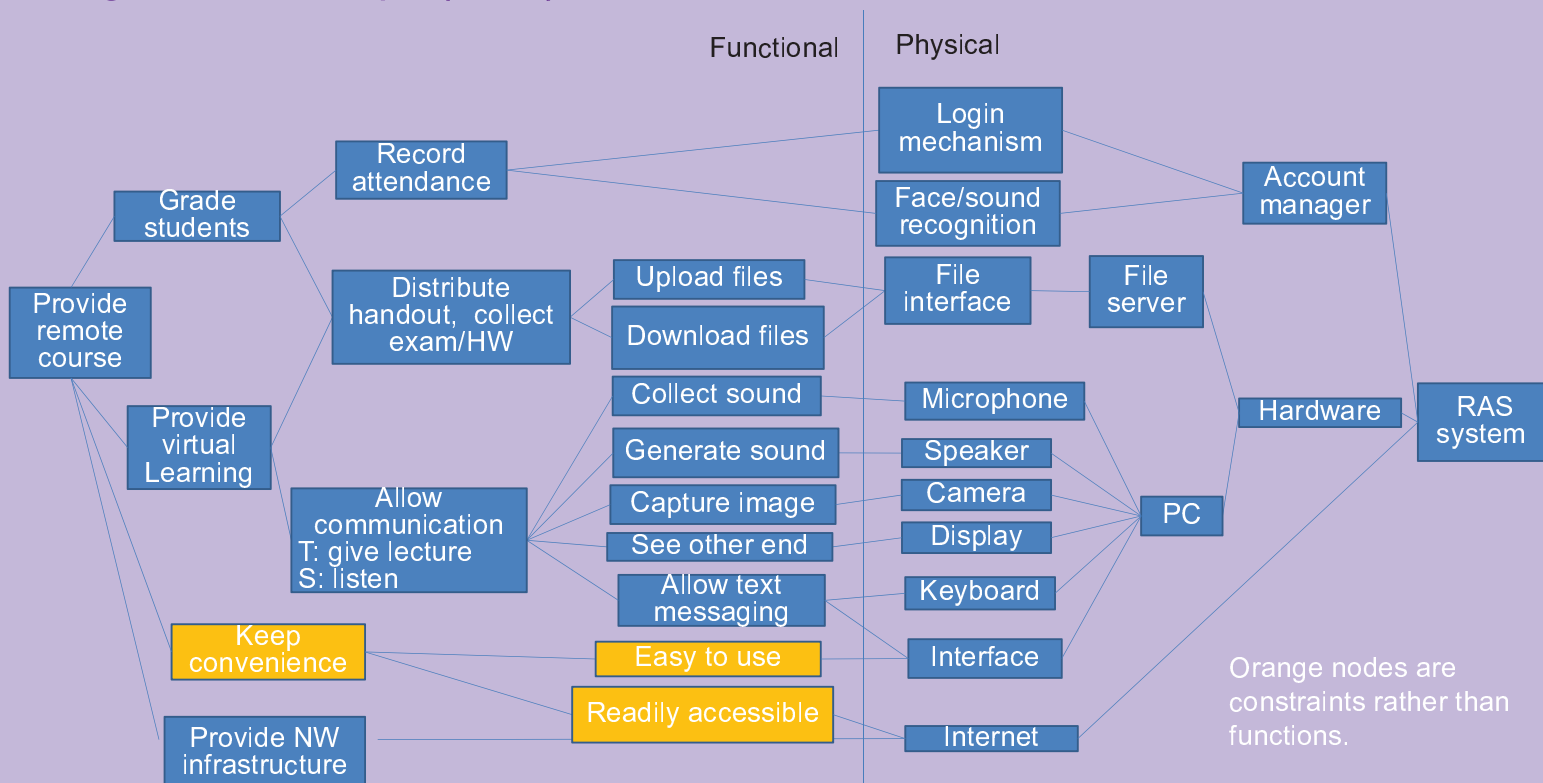
In this system we connect the classroom and the terminal together, making sure we can still get the lecture and the credit even if some troubles try to delay the schedule.

And in order to avoid the system from being abused, it only allows student to use this system for at most three times for each lecture with a strict face recognizing system to turn down impostor.

Sketch



Design Record Graph (DRG)



Conclusions

The Remote Attendance System proves to be a way to resolve the problem of accidentally missing or becoming late to a lecture. It allows students to access lecture content and videos at the students own leisure. It can verify the student's identify using face and sound recognition software. The student's attendance for the lecture can verified using this system. Students remotely attending lecture can ask questions to the professor in real time and there is an option for subtitles in case it is easier for the students to understand. Therefore this system can be a revolutionary cutting edge system for the new age.