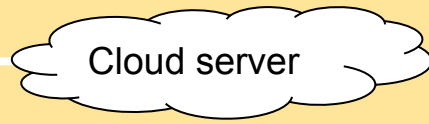

AI-based attendance system

By Saffron.ai

INTRODUCTION

As name suggest , the system uses computer vision and artificial intelligence for taking attendance in classrooms. This system has capability to replace the traditional pen-paper method of taking attendance.

Flow-chart of System Working



Cloud server

Machine learning algorithm will recognize face of student and mark the attendee

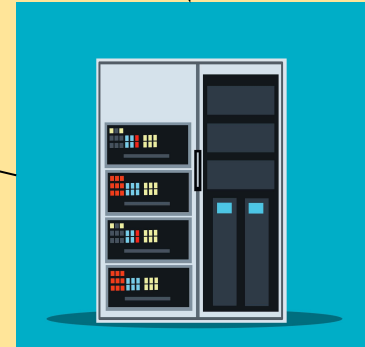
Upload image data in cloud



STUDENT



Image of student captured by teacher



Attendance registered in server

ADVANTAGES OF THIS SYSTEM

- 1> overall process becomes digital
- 2> False attendance can be eliminated
- 3> Efficient
- 4> Fast
- 5> Reliable

DISADVANTAGE OF USING THIS SYSTEM

- 1> some face may not be able to recognize
- 2> need internet connection and Smartphone
- 3> Training is needed to use this technology