



Team Warriors

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Understanding the problems

- 01 In the classroom teachers often have difficulty while recording attendance of students as it is time consuming.
- 02 In offline exams, students lose precious time for writing when teachers come up to them to mark their attendance. This distraction may sometimes disrupt the focus of a student during a crucial time.
- 03 Students often engage in malpractice even in the presence of invigilators.



Existing Solutions

- There are multiple apps which specialise in recording attendance based on facial recognition. Some of the existing ones are Truein Face Attendance and Securtime.
- Even though we are quite familiar with proctoring applications, their scope is restricted to online examinations. Eg- Mettl, HackerEarth online platforms.



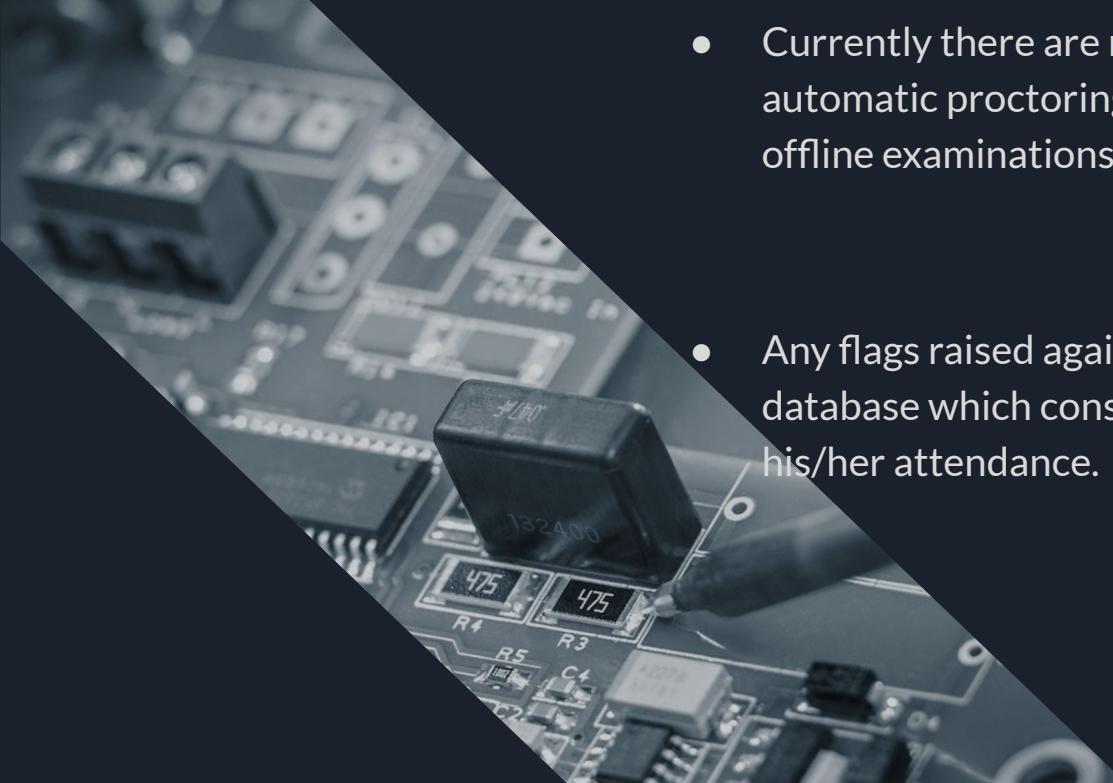
Project objective



- We aim to create a web and mobile application that eliminates the hassle of marking attendance during exams while also monitoring the candidates for any sort of malpractices in the examination hall.
- All information can be stored in a database which an authorised person can access for further processes



How is our idea unique?



- Currently there are no applications/platforms that performs automatic proctoring along with marking attendance during offline examinations.
- Any flags raised against a candidate would be recorded in the database which consists of the candidate details along with his/her attendance.



Technology Used

OpenCV

TensorFlow

Django

SQLite

HTML

CSS



Roles and Responsibilities



Advaith, Akash and Ravi - Building and training suitable Machine Learning models and Neural Networks for facial detection.

Arjun and Isaac - Web Development.

Ullas - Database Management.

Thank you!

