



Sharp AI

ANTI CHEAT

EXAM PROCTORING TOOL

Gone are the days when teachers and faculties are being virtually bullied by students when they score phenomenal marks under their eyes.

Sharp AI brings a practical and scalable solution to this problem.



PITCH DECK V 1.0

A SOLUTION BY
TEAM DEVDEVILS



Problem Statement

WHAT WE ARE TRYING TO SOLVE

Problem 1

Coronavirus Lockdown -> Online Exams ->
Free marks for everybody

Problem 2

Education (According to the Hack36 Team): Technology is already playing a huge role in education. Brainstorm and get a unique idea to reform the education system for the better.



Utopia

What our solution is?

HOW WE PROPOSE TO SOLVE IT

Solution 1

Allow the teacher to detect all the movements of all the students

Solution 2

Make the faculty's work hassle free in detecting the student's faces and suspicious activity.

Solution 3

Handle all the collected data in a presentable manner so it can be used to catch the Notorious Student red handed.



OUR SOLUTION

What we built is an amalgamation of 3 technologies :

- A Web App (Admin Panel) for Teachers where they can manage Classes, Proctoring Sessions and Student details
- Chrome Extension for Students and Examinees
- A deployed ML Model for Eye and Mouth detection

WEB APP

REACTJS | MATERIAL UI | FIREBASE SDK

CHROME EXTENSION

REACTJS | MATERIAL UI | FIREBASE SDK
JQUERY | CHROMEAPI

DEPLOYED MODEL

FLASK | OPENCV | DLIB | NUMPY



WOW FACTOR?

- Create Ready to Attempt Proctoring sessions for your Exams
- Eye Pleasing and phenomenal User Interface
- A reliable Chrome Extension that monitors all activities of the Students
- An easy to handle, presentable Data and Statistics to help teacher catch the student red-handed



"TALENT WINS GAMES, BUT TEAMWORK AND INTELLIGENCE WIN CHAMPIONSHIPS."
THAT WILL BE A MYTH WHEN YOU HAVE OUR SUPPORT

WHATS NEXT?

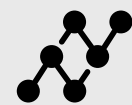
Allow teachers to conduct Examinations as well



Add more Detection features for Posture and Face



Add Support to prevent usage on Virtual Machines



Fortify our Software to prevent hacking and bypassing



Reducing False Positives



Scaling the System and Improving Query based Data



WELL, YOU WANT A DEMO?

Check out the WebApp at sharp-ai.herokuapp.com :)

Well, for those of you who want to know how it works, we did make a Video

<https://www.youtube.com/watch?v=kGgtV4eaOzo>