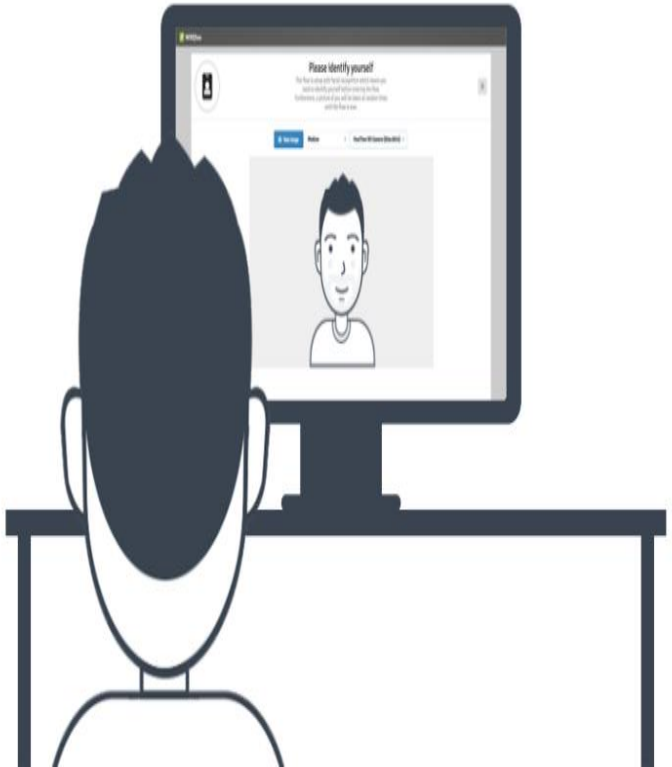
ONLINE PROCTORING SYSTEM



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ABSTRACTION

- The COVID-19 pandemic has made online learning the only option due to its physical isolation requirements.
- There is a need to develop methods and technologies that provide robust instruments to detect unfair, unethical, and illegal behavior during classes and exams.
- In this project a novel online proctoring system that uses deep learning to continually proctor physical places without the need for a physical proctor.

EXISTING SYSTEM

1. Online Registration
2. Face Detection
3. Face Recognition
4. Object Detection

PROPOSED SYSTEM

1. Courses
2. Exam Registration
3. Send Report
4. Adding Exams
5. Adding Students

MODULES

1. ADMIN

- Admin module is the developer or controller of the project. The admin module sign in with admin mail id and password.
- The main activity of the admin is adding Teachers , edit Teacher’s details.
- Admin have the ability to remove the details of a Teacher from the Teacher’s list.

2. TEACHER

- Teacher module also needs to register first and sign in with registered mail id and password.
- In Teacher module the Teacher can add and edit the student details.
- The Teacher have the ability to add the exam details and Schedule the exams.
- Teacher can also view the Proctoring Report.

3. STUDENT

- Student module also needs to with registered mail id and password.
- In the student module the student can view the Courses and Sheduled Exams.
- In this module the student can also register and attend the exams.
- When the student click on the attend button the proctoring window will be open and started to proctoring.
- After finishing exams the proctoring report will be send to the Invigilator.

BASE PAPER

Paper name:*" A NOVEL DEEP LEARNING – BASED ONLINE PROCTORIG SYSTEM USING FACE RECOGNITION, EYE BLINKING, AND OBJECT DETECTION TECHNIQUES."*

In this paper a novel online proctoring system that uses deep learning to continually proctor physical places without the need for a physical proctor. The system employs biometric approaches such as face recognition using the HOG (Histogram of Oriented Gradients) face detector and the OpenCV face recognition algorithm. Also, the system incorporates eye blinking detection to detect stationary pictures. Moreover, to enforce fairness during exams, the system is able to detect gadgets including mobile phones, laptops, iPads, and books. The system is implemented as a software system and evaluated using the FDDB and LFW datasets. Achieved up to 97% and 99.3% accuracies for face detection and face recognition, respectively.

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Thank You....