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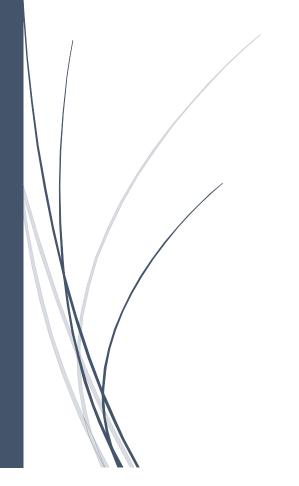
PROJECT REPORT

Exam Cheating Identifier

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1. INTRODUCTION:

As we know that cheating has been the common practice in every educational institute of our society. Due to which students do not prefer study and hard work. By skipping the hard work involved in learning, you will never develop the important traits of persistence, dedication, diligence, and sacrifice. Success takes hard work, and cheating is the easy way out. Eventually, you will find that it is difficult to achieve your goals without these important skills.

The idea of our project is to prevent the students from cheating. The students somehow are able to cheat beside the presence of the invigilators. The project is all about to identify the cheating by face detection.

2. DESIGN:

The system specification shows the description of the function and the performance of system and the user. The future implications of the project are very great considering to stop the cheating in exams. Along the course of project completion, we encountered various problems and obstacles. Not every-thing that we had planned went smoothly during the project development span. Also, we had a limited amount of time for its completion so we were under a certain amount of pressure as well. We had to start from the research phase at the beginning and needed to gain knowledge on all the devices and components that we had intended to use for our project. Other phases of the project included coding, debugging, testing, documentation and implementation and it needed certain time for completion so we really had to manage the limited time available to us and work accordingly to finish the project within the schedule

3. METHODOLOGY:

- **PROGRAMING LANGUAGE:**

  "**Python**" is used as a programming language to build this program.

- **ENVIRONMENT:**

  Anaconda (Jupiter Notebook)

- **GRAPHIC USER INTERFACE: (GUI)**

  "**TKINTER**". Is used to design the interface

- **LIBRARIES**:

  Following libraries are used:
    - Open CV
    - Dlib
    - Tkinter
    - Time
    - Pil

- **PLATFORM:**

  We use Github for collaboration.

Conclusion:

The scope of our project is to improve the cheating identification in exam by adding a feature in recording of camera. Right now this is for one student and can be implement in a whole class. It can be modified by analyzing the values of matrix of images to detect a particular student. There is no doubt that cheating can create the unfairness between honest students who put a lot of time for good grades and cheaters who do nothing and obtain grades.