



ADVANCE MACHINE LEARNING

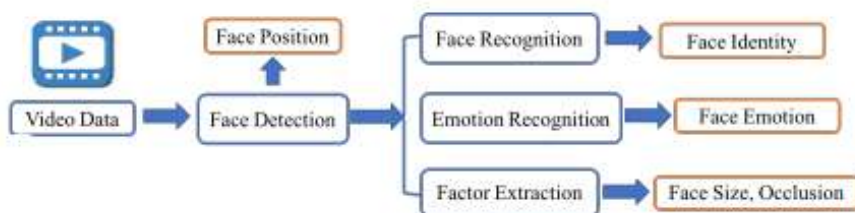
TOPIC: ATTENTIVENESS WITH ATTENDANCE SURVEY MODEL USING FACE RECOGNITION

Done by:
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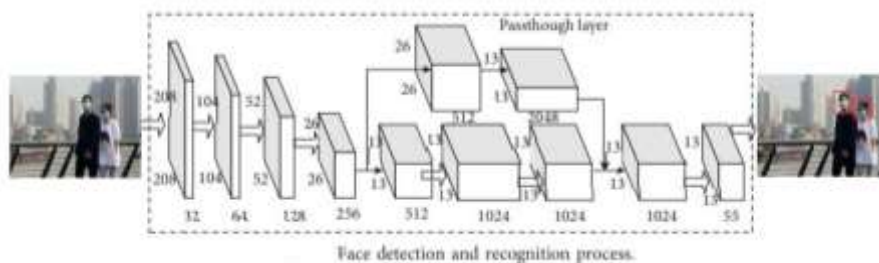
Introduction

- The conventional method of taking attendance is done manually by the teacher or the administrator which requires considerable amount of time and efforts also involving errors and proxy attendance.
- In this drastic increase in number of students it will be hard for to teachers to give attention to all the students at once, and keep eye on every student.
- Some students may understand things at once but some may not understand and they may be shy to ask questions in front of everyone So the student may not talk and keep the doubt to himself, but if a teacher notices that the teacher will approach the student and make them speak.
- Based on the training given to the model it will predict the attentiveness of students which help relation between student and faculty
- This can be used as a type of feedback which will help the teacher to improve their teaching strategies based on students expression in class and it also help teachers to give feedback on students. It will help both students and teacher to improve.

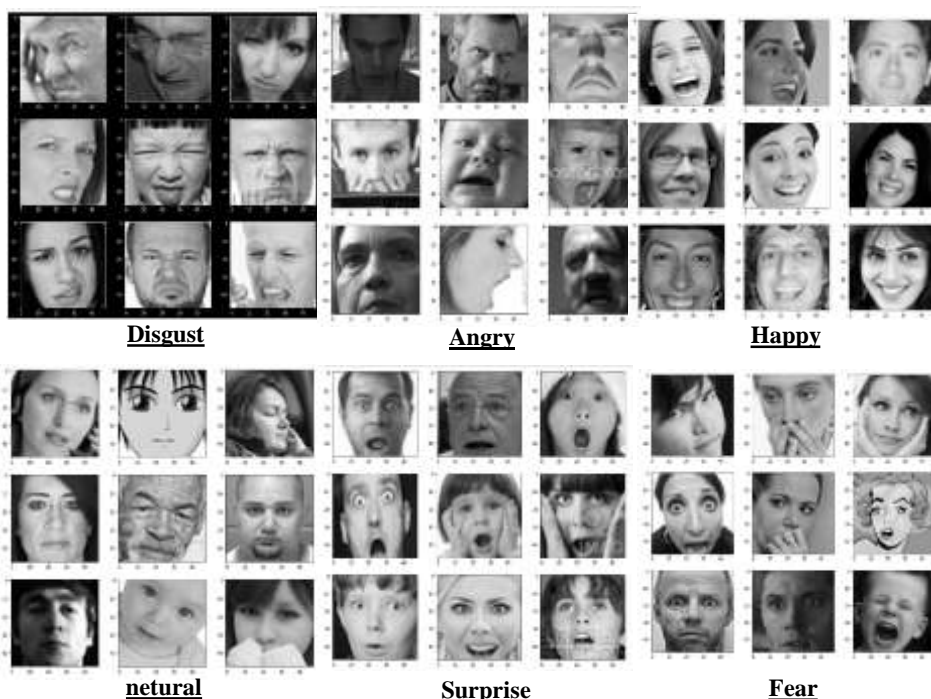
Methods



Face detection Network



Facial expression recognition Dataset



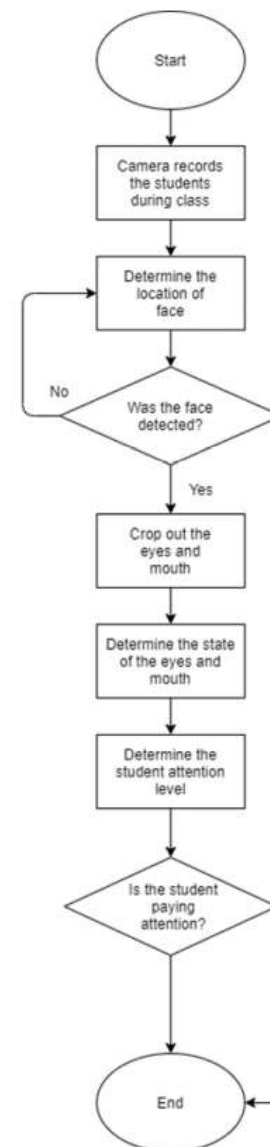
Results

Input:



Block diagram

Output:



CHANDANA				
A1	A	B	C	D
234471	CHANDANA MN	21:38:34	05 12 2022	Happy
234472	CHANDANA MN	21:38:34	05 12 2022	Happy
234473	CHANDANA MN	21:38:34	05 12 2022	Happy
234474	CHANDANA MN	21:38:34	05 12 2022	Happy
234475	CHANDANA MN	21:38:34	05 12 2022	Happy
234476	CHANDANA MN	21:38:34	05 12 2022	Happy
234477	CHANDANA MN	21:38:34	05 12 2022	Happy
234478	CHANDANA MN	21:38:34	05 12 2022	Happy
234479	CHANDANA MN	21:38:34	05 12 2022	Happy
234480	CHANDANA MN	21:38:34	05 12 2022	Happy
234481	CHANDANA MN	21:38:34	05 12 2022	Happy
234482	CHANDANA MN	21:38:34	05 12 2022	Happy
234483	CHANDANA MN	21:38:34	05 12 2022	Happy
234484	CHANDANA MN	21:38:34	05 12 2022	Happy
234485	CHANDANA MN	21:38:36	05 12 2022	Neutral
234486	CHANDANA MN	21:38:36	05 12 2022	Neutral
234487	CHANDANA MN	21:38:36	05 12 2022	Neutral
234488	CHANDANA MN	21:38:36	05 12 2022	Neutral
234489	CHANDANA MN	21:38:36	05 12 2022	Neutral
234490	CHANDANA MN	21:38:36	05 12 2022	Neutral
234491	CHANDANA MN	21:38:36	05 12 2022	Neutral
234492	CHANDANA MN	21:38:36	05 12 2022	Neutral
234493	CHANDANA MN	21:38:36	05 12 2022	Neutral
234494	CHANDANA MN	21:38:36	05 12 2022	Neutral
234495	CHANDANA MN	21:38:36	05 12 2022	Neutral
234496	CHANDANA MN	21:38:36	05 12 2022	Neutral
234497	CHANDANA MN	21:38:36	05 12 2022	Neutral
234498	CHANDANA MN	21:38:36	05 12 2022	Neutral
234499	CHANDANA MN	21:38:36	05 12 2022	Neutral
234500	CHANDANA MN	21:38:36	05 12 2022	Neutral
234501	CHANDANA MN	21:38:36	05 12 2022	Neutral
234505	CHANDANA MN	21:38:40	05 12 2022	Neutral
234506	CHANDANA MN	21:38:40	05 12 2022	Neutral
234507	CHANDANA MN	21:38:40	05 12 2022	Neutral
234508	CHANDANA MN	21:38:40	05 12 2022	Neutral
234509	CHANDANA MN	21:38:40	05 12 2022	Neutral
234510	CHANDANA MN	21:38:42	05 12 2022	Sad
234591	CHANDANA MN	21:38:42	05 12 2022	Sad
234592	CHANDANA MN	21:38:42	05 12 2022	Sad
234593	CHANDANA MN	21:38:42	05 12 2022	Sad
234594	CHANDANA MN	21:38:42	05 12 2022	Sad
234595	CHANDANA MN	21:38:42	05 12 2022	Sad
234596	CHANDANA MN	21:38:42	05 12 2022	Sad
234597	CHANDANA MN	21:38:42	05 12 2022	Sad
234598	CHANDANA MN	21:38:42	05 12 2022	Sad
234599	CHANDANA MN	21:38:42	05 12 2022	Sad
234600	CHANDANA MN	21:38:42	05 12 2022	Sad
234601	CHANDANA MN	21:38:42	05 12 2022	Sad
234602	CHANDANA MN	21:38:42	05 12 2022	Sad
234603	CHANDANA MN	21:38:42	05 12 2022	Sad
234604	CHANDANA MN	21:38:42	05 12 2022	Sad
Attendance				