

Lecture Evaluation Using Face Emotion Recognition

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Abstract

In this method, we suggested "Teaching Evaluation Using Face Emotion Recognition." Many students at the institute do not follow lectures emotionally, sadly they do not get any ideas from the lesson. So we will use the OpenCV technology and the Convolution Neural Network (CNN) Deep Learning Algorithm for this framework implementation. The purpose of this thesis is to establish recognition of the assessment of lectures for greater accuracy and satisfaction. It also prohibits the identification of lectures due to lack of portrayal of the face.

Keywords- : Face recognition, Convolution Neural Network, multi-feature learning, heterogeneous face matching.

I. INTRODUCTION

The study of current acquisition memory of lectures was aided by face recognition. A collection of patterns that provide information on everyday buying class satisfaction, the time after we focus on collecting face images to predict the symptoms of the results of lectures based on two characteristics of face representation and face expression, etc., will delineate each face recognition. Additionally, in order to boost the evaluation of seminars, both representations and expressions are visible.

II. MOTIVATION

1. On-representation gazing, facial recognition framework, is our primary scope.
2. To note lecture happiness, catch the image and detect the face after that.

III. OBJECTIVE

1. Boost the estimation of the full lesson.
2. Quick to discover the interest and engagement of students during class.

IV. PROBLEM STATEMENT

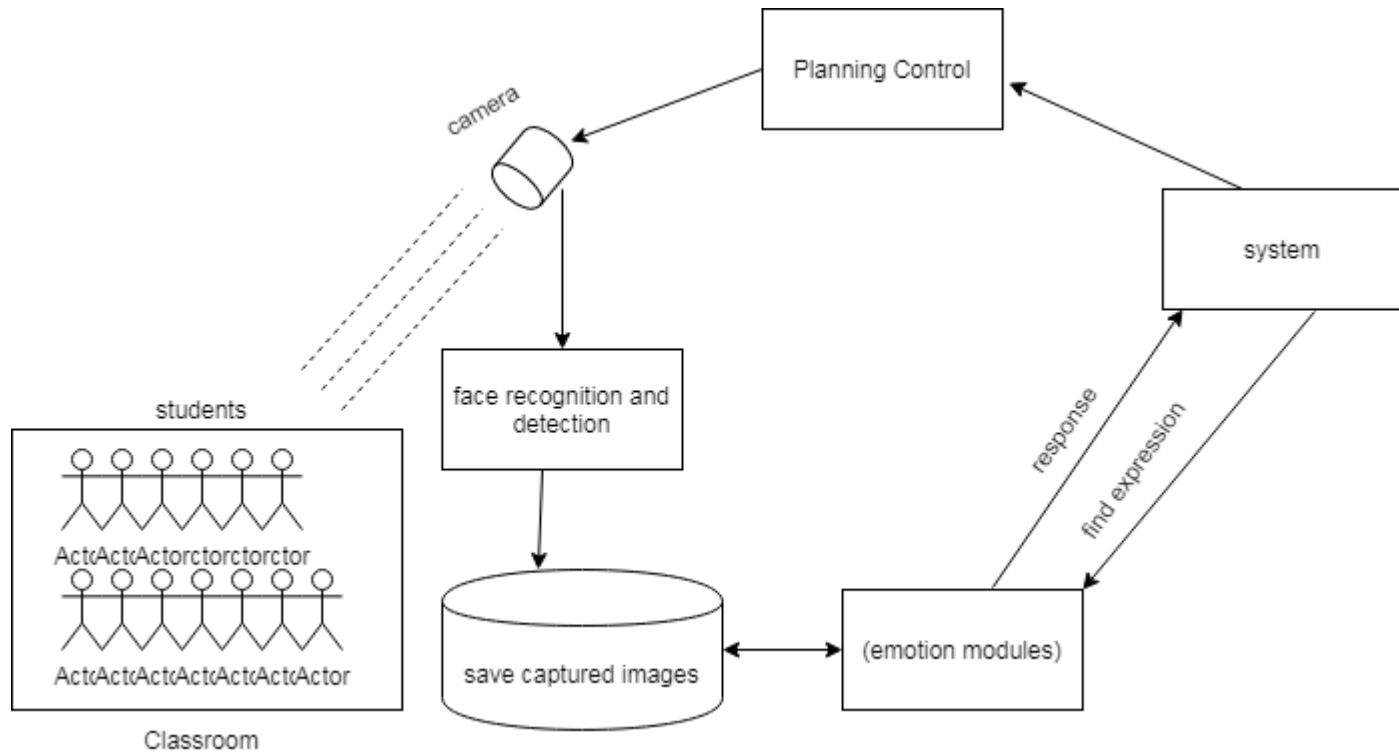
The lectures are going frequently in the case of the new method, but the key explanation behind this 10-20 percent students get 80 percent information, 20-60 percent students get 60 percent knowledge and the remaining students did not explain their ideas. Therefore, we are inspired by the shortcomings of this theory.

IV. LITERATURE SURVEY

1	MOOD EXTRACTION USING FACIAL FEATURES TO IMPROVE LEARNING CURVES OF STUDENTS IN E-LEARNING SYSTEMS	ABDULKAREEM AL-ALWANI	2016	MORE FACIAL EXPRESSIONS AND TYPES OF MOOD SHOULD BE USED TO DIVERSIFY THE SUGGESTED PROCESS APPLICATION.
2	FACE RECOGNITION BASED ATTENDANCE SYSTEM	NANDHINI R, DURAIMURUGAN N, S.P.CHOKKALINGAM	2016	NUMEROUS ALGORITHMS AND STRATEGIES HAVE BEEN DEVELOPED FOR ENHANCING THE EFFICIENCY OF FACIAL RECOGNITION, BUT DEEP LEARNING IS THE CONCEPT TO BE APPLIED HERE. IT AIMS TO TRANSFORM THE FRAMES OF THE VIDEO INTO IMAGES SUCH THAT THE FACE OF THE STUDENT CAN BE QUICKLY IDENTIFIED.
3.	A CASE STUDY OF FACIAL EMOTION CLASSIFICATION USING A_DEX	MARTIN MAGDIN *, L'UBOMÍR BENKO AND ŠTEFAN KOPRDA	2019	OUTCOMES OF THE SEVERAL IMPERFECTIONS IN THE FACE RECOGNITION METHOD HAVE DEMONSTRATED EXPERIMENT. THE SYSTEM HAS DIFFICULTIES EXPRESSIONS CLASSIFYING AND CANNOT DETECT AND RECOGNISE INNER EMOTIONS AN INDIVIDUAL CAN EXPERIENCE WHEN THE PICTURE IS SEEN. SYSTEMS OF FACIAL

				RECOGNITION CAN ONLY DETECT FEELINGS THAT ARE COMMUNICATED EXTERNALLY ON A FACE IN SOME AREAS OF THE FACE THROUGH HORMONAL CHANGES.
4.	FACULTY OF SCIENCE, ENGINEERING AND COMPUTING	JIREH ROBERT JAM	2018	RESEARCH HAS BEEN DONE IN RECENT YEARS AND FACIAL RECOGNITION AND IDENTIFICATION TECHNOLOGIES HAVE BEEN DEVELOPED. SOME OF WHICH ARE USED ON SOCIAL MEDIA SITES, BANKING APPLICATIONS, GOVERNMENT DEPARTMENTS, SUCH AS METROPOLITAN POLICE, FACEBOOK ETC.
5.	ASSESSMENT OF STUDENTS' COMPREHENSION USING MULTI-MODAL EMOTION RECOGNITION IN E-LEARNING ENVIRONMENTS	K. PRASADARAO*,	2018	THE EXPERIMENT SHOWS THAT THE SUGGESTED METHOD IS PRACTICAL AND CAPABLE OF IMPROVING THE EFFICACY OF TEACHING EVALUATION.

V. SYSTEM ARCHITECTURE



VI. CONCLUSION

The art of understanding how various learners interpret instructional material during a class lecture. This module is structured to assess if student actions in class can be monitored and evaluated. And classify the full face and get more precision if you are in class.

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