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FACE RECOGNITION BASED SECURITY SYSTEM FOR INSTIRUTE ENTRY POINT

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ABSTRACT

Today's institutions are facing major security issues consequently, they need several specially trained personnel to attain the desired security. These personnel, as human beings,make mistakes that might affect the level of security.A proposed solution to the above mentioned matter is a Face Recognition Security System, which can detect intruders to restricted and help in minimizing human error .

1. INTRODUCTION

Recognition is a visual pattern recognition problem. In detail, a face recognition system with the input of an Face arbitrary image will search in database to output people's identification in the input image. A face recognition system generally consists of four modules detection, alignment, feature extraction, and matching, where face detection and alignment are processing steps before face recognition.This project proposes a new face recognition method where local features are given as the input to the neural network.

2. FACE RECOGNITION APPROACH
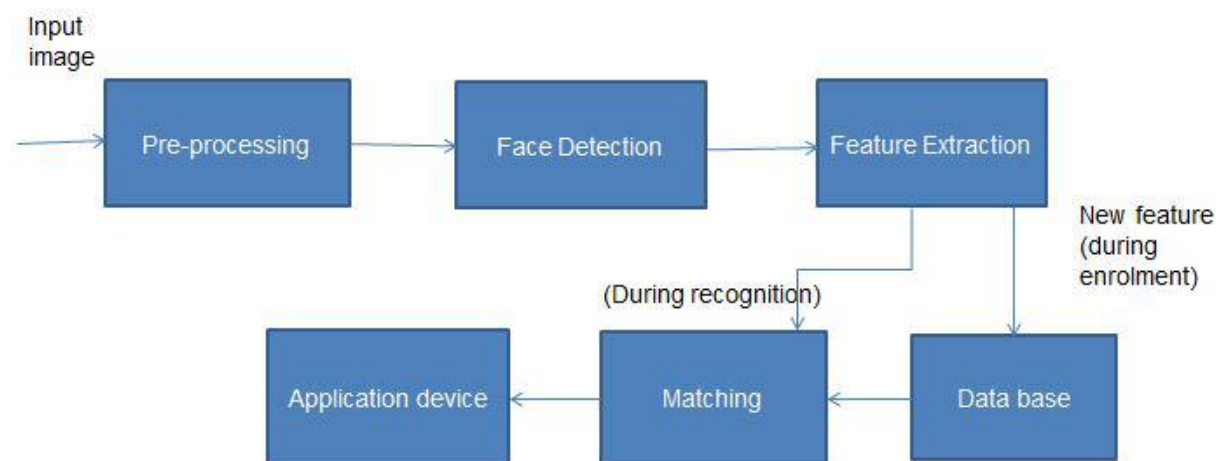
3. FACE RECOGNITION BASED SECURITY SYSTEM
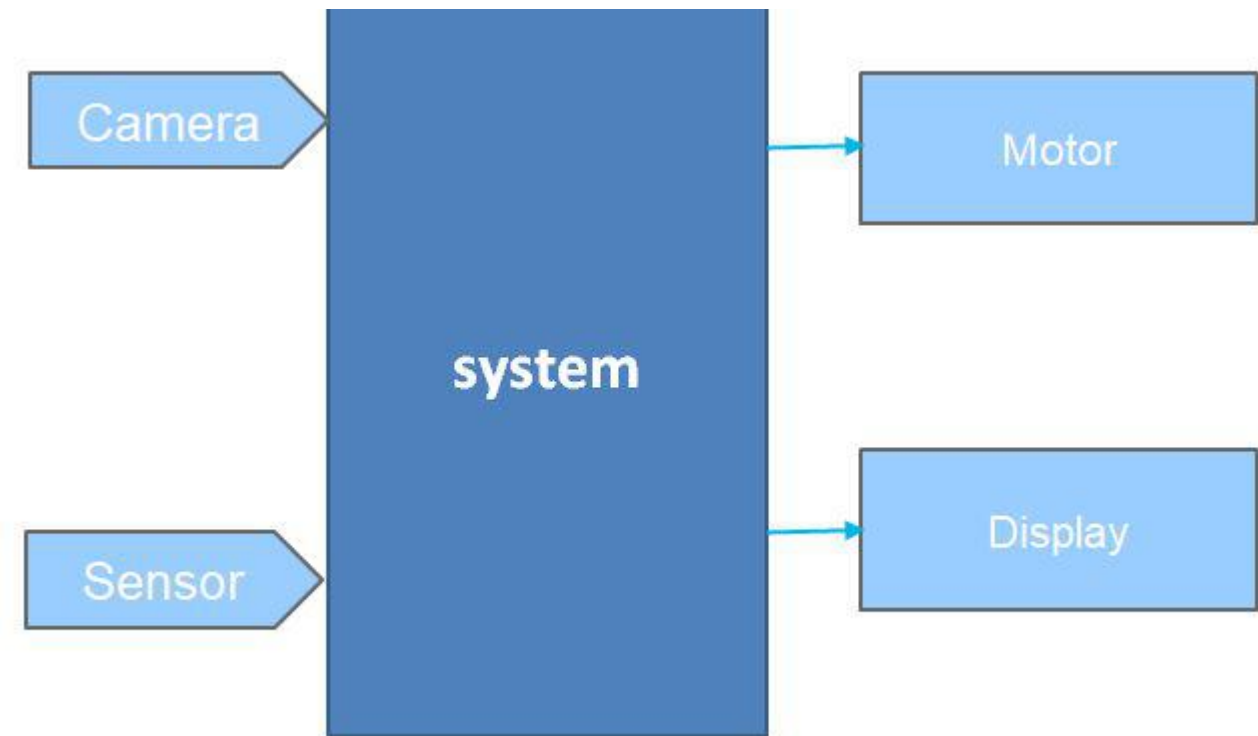
4. FUTURE SCOPE

It can be further used for -

1. Criminal Identification
2. Tracking Attendance
3. Banking Services
4. Defense Services