Software Engineering Project Proposal

Face recognition attendance system

Members

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Project Definition

Traditional attendance system is not accurate. It has many loopholes for corrupting it. Therefor to prevent unauthorized individuals' intrusion with the attendance system we propose "face recognition attendance system" which saves time and achieve the objective more accurately and efficiently.

The software first captures an image of all the authorized persons and stores the information into database. Next time whenever the registered person enters the premises the system recognizes the person and marks his attendance along with the time.

Requirements

A standalone computer needs to be installed in the office room where the system is to be deployed. Camera must be positioned in the office room to obtain the snapshots. Optimum Resolution: 512 by 512 pixels. Secondary memory to store all the images and database.

Activity plan

● Planning and Analysis

05/02/2019 to 07/02/2019

First of all, all the requirements and specifications of project must be collected and researched. After understanding the scope of the project, decision must be taken for specific and balanced use of resources.

• Design

08/02/2019 to 12/02/2019

Different models for the project should be drawn to understand the project more deeply. For example, Agile model, use case narratives and system sequence diagram.

• Implementation

Coding will start in this phase.

13/02/2019 to 13/03/2019

• Testing

The implemented work will be tested with every nature of data suitable to project.

14/03/2019 to 17/03/2019.