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**Introduction**

Summary:

Detecting the thieves and security alert in godowns and also security in banks.

Background:

Thieves steal the crop after harvesting from the godowns and we find many of the burglaries occur in the society.

There are existing solutions like providing security guards and normal cc cameras which are not enough to solve the problem.

But , in our solution there will be immediate actions like alarm is produced and send message to the police and the owner.

Definitions , Acronyms and Abbrevations:

Technology of Image processing in artificial intelligence.

**Design overview**

Requirements

Now a days all the farmers need a high protected security to safeguard and protect their stock in the godowns .

Documentation:

We

Minimum Viable product:

Our project includes a cc camera which is connected to the microcontroller and a python code is dumped which includes the detection of the person. When an unauthorized person is detected it gives alarm and a message is sent to the owner.

Stretch goals:

The main aim of this project is to provide security in the places where the people require and it could be affordable to use by anyone.

Future work:

It makes easy to control the burglaries that happen in the society and make the work of police easy.

**Architectural diagram**

Application program interface:

Libraries present in open cv are used . visual studio

and dlib libraries .

anaconda software (spyder).

Recommendations:

It can compatible with all versions.

User interface:

User can use the equipment provided.

Data models and storage:

This project needs a python code of facial recognition.

It will no more take a long time to built .

The main aspect of this project is the python code of facial recognition.

Data will be written about the working of the project and the equipment used. It takes 4 ,5 papers.

Service operability

Key performance indicators

This project provides a lot of security than the cc camera. It is very useful in securing our things.

Service level objectives

This project can be used by any of the person who need to keep their things very secure.

Project over view

Risks

The camera should be maintained secret because it could not be get damaged by any unauthorized person.

Cost

This project is cost efficient