


INTELLIGENT ACCESS CONTROL SYSTEM FOR SAFETY CRITICAL AREAS IN INDUSTRIES





Our Project focuses on the safety of workers on construction sites.





Health and safety at workplace is very important to consider as it involves the worker's rights and responsibilities that affect health and safety at work especially in construction field.

Accidents occurring at construction sites are usually because of the hazardous conditions workers are exposed to at sites.

Helmet and shoes have to be worn as the basic safety measures at construction sites.



Advantages

- Safety of workers is ensured.
- Human errors are reduced.

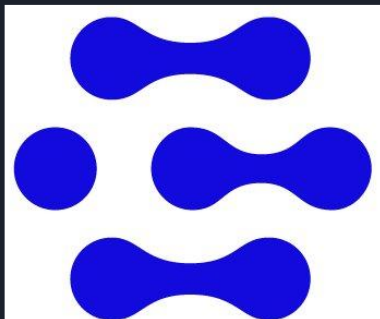


Software components

- Python idle



- clarifai



Hardware Components

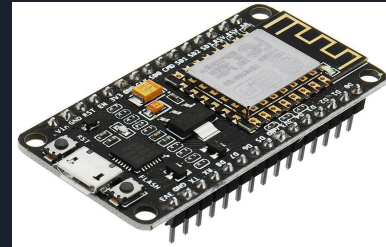
- web cam



- Servo motor

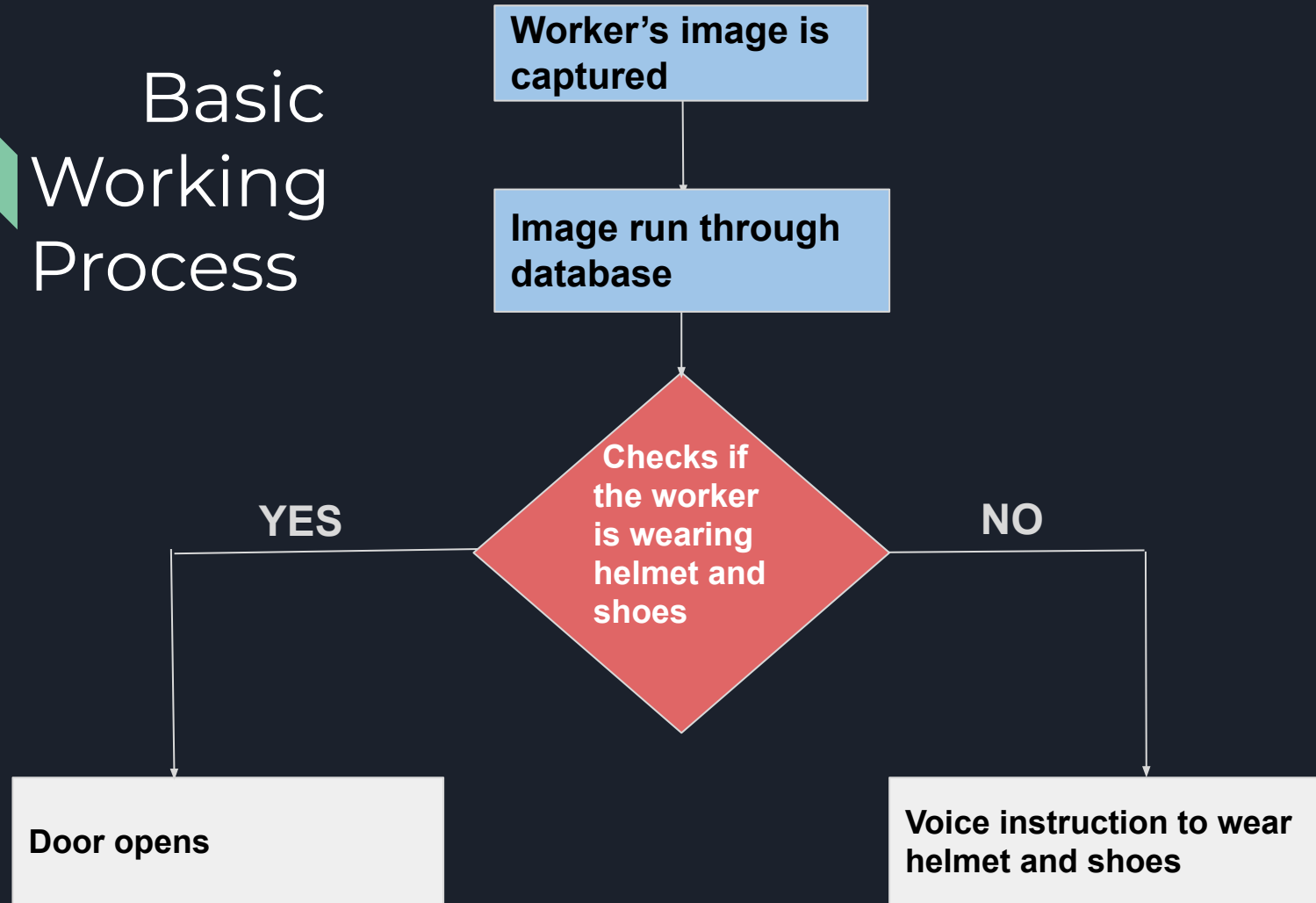


- NodeMcu





Basic Working Process



Future Scope

- Can keep a track on number of people entering and leaving the site .
- This automation can eliminate the difficulty of maintaining hard copy of the attendance.





Thank You

- KRUTHIKA
- SWATHI
- SHRUTHIKA
- RASHMI