

*** Self project can be implemented**

-IOT-

- 1) health monitoring system using Iot (Ecg, pulse...)
- 2) Real-time Accident detection and two way SOS service using Iot
- 3) smoke/gas leakage detection and execution of immediate safety measure using iot
- 4) iot based black box system for vehicle
- 5) smart Electrical meter for household energy consumption
- 6) Motion based wild life video capturing to minimize space complexity
- 7) pid calibrated vehicle speed stabilization system

-Iot with Fire base-

- 1) Remote Aquarium monitoring system using Iot and Firebase
- 2) Web based home automation using Iot and Firebase

-IOT with computer vision-

- 1) Face based security locker (Computer vision and iot) **(Security)**
- 2) vocal and gesture based communication for/by disabled persons (image-processing ,iot)

AI with Computer vision

- 1) Song selection based on user facial emotion
- 2) voice activated human companion with facial recognition
- 3) facial based attendance system for Students/employees
- 4) Facial recognition for secure online payment. **(Security)**
- 5) lane line Detection for Self driving cars
- 6) Home Security Based on Face Detection and Recognition with messaging services **(Security)**

-DataAnalytics and machine learning-

- 1) Health care perspective using DataAnalytics

-Human companion mini bot-

- 1) human companion to interact with user based on emotion.
- 2) human companion with vocal communication.
- 3) human companion to interact with your household appliances (voice based commands).[like Alexa]

*** Self projects can be implemented**

**** we help in modification in existing project**

***** we follow cost cut strategy (we try to minimize your cost as much as possible)**

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