Project: Ai based patient monitoring robot

Purpose: The robot will be basically deigned to help in assisting new patient where we can see many patient don’t get the guidance properly adding also to help in monitoring the general ward patint. As in Bangladesh the general ward patient don’t get sometimes the maximum facilities due to lack of diagnostic machines, I.C.U and hospital members .Also covid situation took this crisis into a higher level .To help in this situation this bot can bring a new way to solve .

The robot features:

1.Can auto enroll new patients by taking their photo and by hearing their voice or by manual input by the patient, also taking finger print.

2.can recognize the patent by image processing.

3.Can guide the patient with giving information.

4. can give video call to doctor if patient need to talk with doctor

5.can monitor health of the patient (BP, temperature, pulse, glucose and other) and data log to make health history

6.can go to patient if any patient calls the bot

7.can carry food to patent, especially good for isolation ward like covid units.

8.can patrol around the hospital ward for safety (detecting gas leakage fire etc.)

9.can take survey from patient about hospital facility and others.

10.can do multiple tasks assigned and giving task to bot is user-friendly and easy

11.can talk and give simple question Ans.

Future adding:

1.can map road of a new room autonomously.

2.can conversate with all in advance scale.

3.can use hand to do various tasks.

4.can give answer from google.

5.can recognize objects.