Challenges

1. In one of our reference papers two LCD screens and a transceiver is used to transfer the data from one LCD to the other. The distance between the two transceivers should be minimum in order to work. We overcame this challenge by incorporating third party apps like Twilio and Mailgun since we can send SMS and Mail to any person without distance affecting the project.
2. Initially this project is done by using a raspberry pi this has more computing power but is of high cost. One of the main aim of this project is to reduce the cost. Hence we have used a Arduino Uno board which is cheaper compared to raspberry pi and also has computing power almost equal to the raspberry pi.
3. In some reference papers they used a GSM module the only disadvantage of using a GSM module is that we need to get a sim card and top it up at regular intervals. Since if there is no balance in the sim card we cannot send message to the doctor, This could prove fatal to the patient. So we used Twilio and Mailgun.