

# Cloud Based Patient information Chatbot System

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**Abstract** -Cloud based patient information Chatbot system is an artificial algorithm that analyzes the patient’s queries and messages. This system has a built artificial intelligence to answer the query of the patient. Patient have to add question related to health issues .The answers are appropriate to the user’s queries, if the user find his answer to be invalid, he may select the invalid answer option button which will notify the admin. Admin can view invalid through portal via login. System allows admin to delete the invalid answer or to add a specific answer of that equivalent question. To answer to the patient query, the Chatbot system retrieves the answer from the database which is stored in the cloud. The Chatbot system uses a specific keyword to retrieve the answers from the database. There is no format for the patient to follow while asking any question in the Chatbot. The patients can put up any query related to health issues through the system. Doctor can prescribe the patient.

## 1.INTRODUCTION.

We Observed that, in covid pandemic it was quit risk to go hospital for minor health issues also hospitals were Filled with covid patients. Also, workload of medical staff was more in pandemic. To reduce the workload from medical staff we started working on

cloud-based patient information chatbot system. This system convenience for patient and doctor also

## 2. LITERATURE REVIEW

Nowadays, there are many health systems are available in today worlds. Our system is more convenience to the patient and doctor also. This system also provides one module of medical store where, doctor can see available medicine in medical store.

## 4. WORKING AND DATAFLOW DIAGRAM

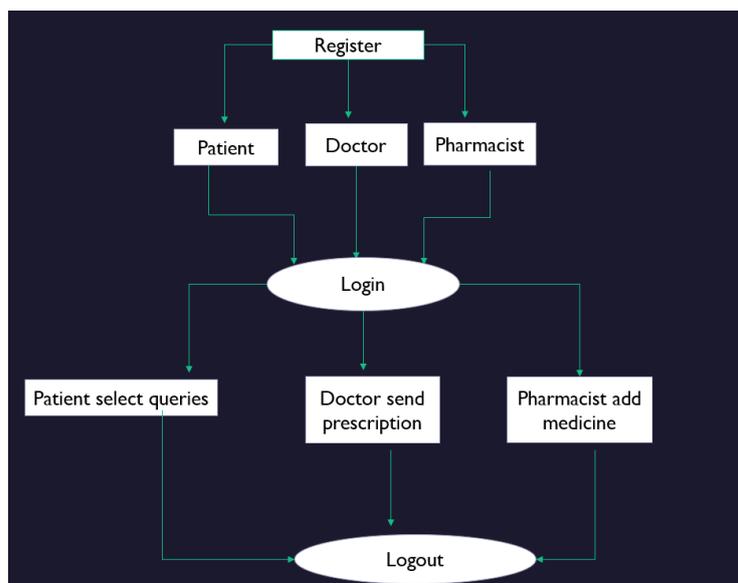


Figure 4.1 Dataflow Diagram

As shown in above figure, First have to register as patient then login. After that there is some question on window for patient like Age, Symptoms etc.

Patient have to click on submit button, then wait for doctor's prescription. If person is doctor, then he/she have to register him/her as doctor and then login.

After successful login doctor can see the patient list with other details information about health issues.

Doctor can prescribe through text via photo copy of Doctor's receipt. Doctor can see the available medicine in medical store.

There is third module for Pharmacist. If person is pharmacist, then have to register as pharmacist, then login. After that pharmacist add medicine available in medical store also add quantity of medicine available in medical store.

## 5. ADVANTAGES.

1. Save time and money of both patient and doctor.
2. Reduces the workload from medical staff.
3. Save the unnecessary visits of hospital.
4. Patient can take quick doctor's advice.
5. Easy and quick access.
6. Provide the quickly access to the user.

## 6. CONCLUSIONS

we developed the system which is convenience to patient and doctor also. Cloud based patient information chatbot system has goal to provide quick health prescription to patients.

## REFERENCES.

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- [2] Oisin Muldowney, Chatbots: An Introduction And Guide To Making Your Own.