SELF DIAGNOSIS OF AILMENTS USING PREDICTIVE MODELLING

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ABSTRACT

The **Health Prediction system** is an end user support and online consultation project. Here a proposed system that allows users to get instant guidance on their health issues through an intelligent health care system online.
The system is fed with various symptoms and the disease/illness associated with those systems.
It then processes the user's symptoms to check for various illnesses that could be associated with it. Here we use some intelligent data mining techniques to predict the most accurate illness that could be associated with a patient's symptoms.

PROBLEM STATEMENT

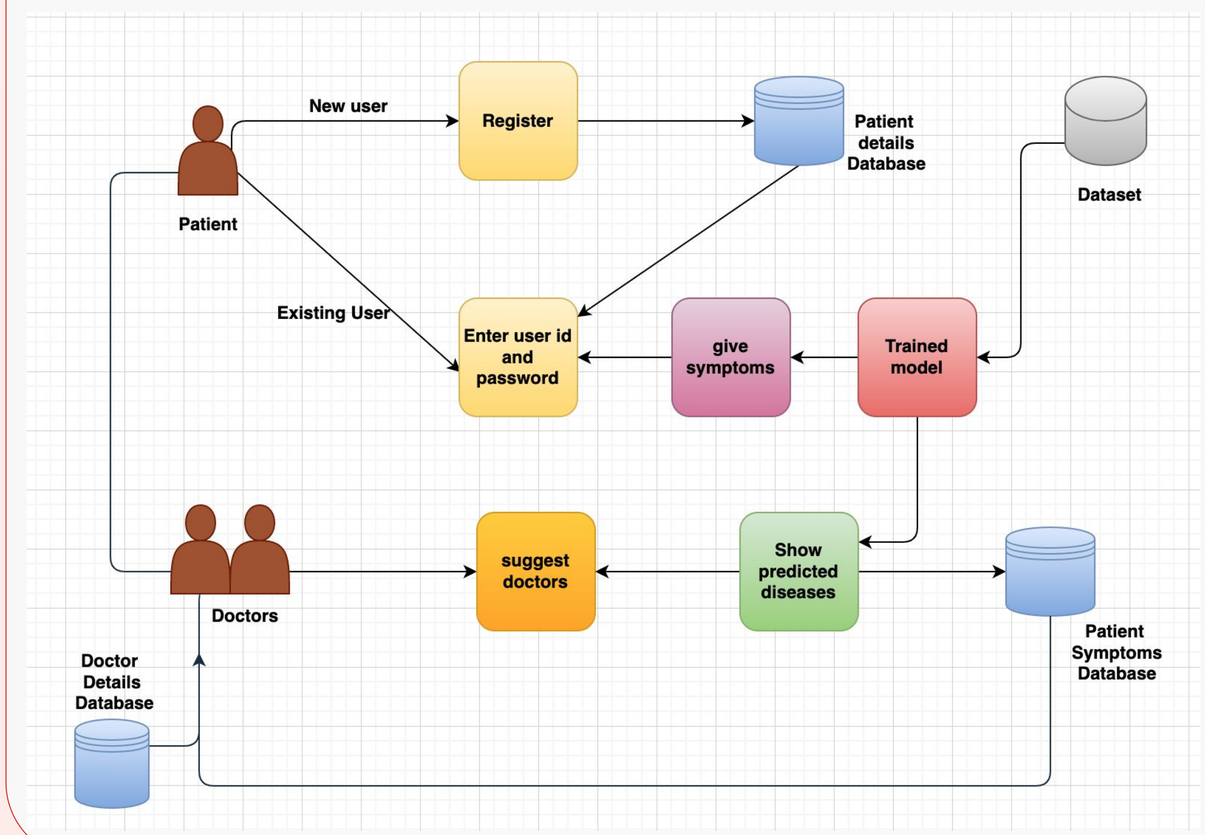
Self-diagnosis has drawbacks, but it is a habit that cannot be completely abandoned. If every ailment was taken to a clinic, hospitals would be overcrowded, resulting in expensive costs and travel time.

On the other hand, there are those who make a habit of self-diagnosis and do not go to clinics because of the high cost. If the practice is widespread, it can lead to addiction, over dosage, and other problems

AIM & OBJECTIVES

- **To develop a smart health prediction system that will act as a guide for self-diagnosis**
- **Allow for online consultation with real doctors**
- **To predict maladies depending on the symptoms people may be suffering from**
- **To enable everyone to have access to health care in the fastest ways possible.**
- **To reduce over-dependance on healthcare facilities**
- **To reduce the risks generated through self diagnosis**

PROCESS FLOW



RESULTS

- Doctors can join the system with their certifications
- Users can join the system to predict disease and for consultation
- Doctors receive ratings and feedback.
- It is emphasized that diseases that are not "minor" be taken to the hospital.
- Patients can chat with doctors

CONCLUSION

- Doctors or dispensaries can utilize this technique to forecast disease and reduce its occurrence.
- This method makes the doctor's list for that specific projected condition available so that patients and hospitals can acquire immediate appointments.
- This assures that the system does not interfere with the doctor's profession and that patients are safe

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