**SYSTEM ANALYSIS**

**EXISTING SYSTEM:**

In present systems there is hardly any medical service available in remote locations. Persons needing medical services often need to travel long distances. Even in urban areas the service is sometimes not available immediately. Patients and doctors are hardly to communicate with each others.And also patients had to wait for long time in order to communicate to the doctor. This main concern has to do with the confidentiality of the data. There is also concern about non-confidential data however such Systems that deal with these transfers are often referred to as Health Information Exchange.

**PROPOSED SYSTEM**

Machine Learning can be used in identification of Treatment, give personalized suggestion to Patient, Outbreak Prediction etc. User can get disease summary on the basis of symptoms entered. Tokenization, removal of stop words and stemming are used as preprocessing. Many techniques have been done in this area which include SVM classifier, Naive Bayes and Decision Trees. The best result obtained has the accuracy percentage of 98.51%. The machine learning algorithm can also give lifestyle suggestion to Patient on the basis of current medical situation and medical history. The machine learning models can be trained to predict future outcomes The consensus in Blockchain technology makes sure that data is legitimate and secured. The convergence of these two technologies can give highly accurate results in terms of machine learning with the security and reliability of Blockchain Technology. This paper gives an overview of how combining these two technologies can help in healthcare sectors