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<p>(51) International classification :G16H0010200000, G06N0020000000, G16H0050200000, G06N0003040000, G06K0009620000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)HANUMANTHAKARI KALYAN RAO Address of Applicant :Gokaraju Rangaraju Institute of Engineering & Technology, Nizampet Road, Bachupally, Kukatpally, Telangana - 500090 ----- ----- 2)DR.D.BHAKIARAJ 3)KATI ANIL 4)DR. M. VADIVUKARASSI 5)DR. G. JAWAHERLAL NEHRU 6)THOKALA THARUNA VARALAKSHMI 7)E. SOUMYA 8)M.INDRANI Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)HANUMANTHAKARI KALYAN RAO Address of Applicant :Gokaraju Rangaraju Institute of Engineering & Technology, Nizampet Road, Bachupally, Kukatpally, Telangana - 500090 ----- ----- 2)DR.D.BHAKIARAJ Address of Applicant :St. Joseph's College of Arts and Science (Autonomous), Cuddalore, Tamilnadu – 607001 ----- ----- 3)KATI ANIL Address of Applicant :Balaji Institute of Technology and science, Narsampet, Warangal, Telangana, - 506331 ----- ----- 4)DR. M. VADIVUKARASSI Address of Applicant :St. Martin's Engineering College, Sy No. 98 & 100, Dhulapally Road, Dhulapally, Kompally, Secunderabad, Telangana-500100. ----- ----- 5)DR. G. JAWAHERLAL NEHRU Address of Applicant :St. Martin's Engineering College, Sy No. 98 & 100, Dhulapally Road, Dhulapally, Kompally, Secunderabad, Telangana-500100. ----- ----- 6)THOKALA THARUNA VARALAKSHMI Address of Applicant :Malla Reddy College of Engineering, Secunderabad, Telangana-500100. ----- ----- 7)E. SOUMYA Address of Applicant :St. Martin's Engineering College, Sy No. 98 & 100, Dhulapally Road, Dhulapally, Kompally, Secunderabad, Telangana-500100. ----- ----- 8)M.INDRANI Address of Applicant :ACE ENGINEERING College, Ankushapur, Ghatkesar, Telangana 501301 -----</p>
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(57) Abstract :

In today's period, every person on earth relies on allopathic treatments and medicines. Machine Learning techniques can be applied to medical databases that have a vast scope of opportunity for textual as well as visual data. This invention provides an application programming interface to recommend drugs to users suffering from a particular disease which would also be diagnosed by the framework through analyzing the user's symptoms by the means of machine learning algorithms. We utilize some insightful information here related to mining procedure to figure out most precise sickness that can be related with symptoms. The patient can without much of a stretch recognize the diseases. The patients can undoubtedly recognize the disease by simply ascribing their issues and the application interface produces what malady the user might be tainted with. The framework will demonstrate complaisant in critical situations where the patient can't achieve a doctor's facility or when there are situations, when professionals are accessible in the territory. Predictive analysis would be performed on the disease that would result in recommending drugs to the user by taking into account various features in the database. The experimental results can also be used in further research work and for healthcare tools.

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