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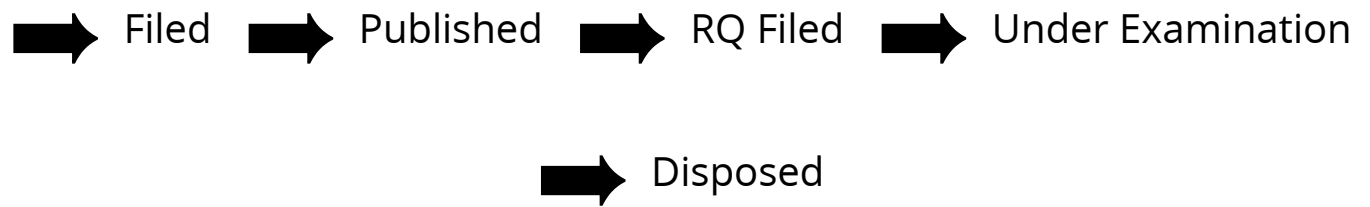
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APPLICANT NAME	VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
TITLE OF INVENTION	Method for prediction of Angina Pectoris based on the user input or dataset
FIELD OF INVENTION	COMPUTER SCIENCE
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Application Status

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(54) Title of the invention : Method for prediction of Angina Pectoris based on the user input or dataset

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(57) Abstract :
 A method for prediction of Angina Pectoris based on the user input or dataset comprising the steps of: 1) UCI cleveland dataset; 2) Pre-processing; 3) Feature selection; 4) Classification modeling; 5) Log of the performance; 6) Output. The method provides prediction of Angina Pectoris based on the user's dataset which includes daily life activities and well-being such as age, glucose levels, BMI, gender, previous history of any heart-related diseases. Facilitating the platform for end users for self-assessment of their health and knowing whether he or she is likely to be affected with angina or not. The invention is using a random forest algorithm as it gives minimal data loss, and it is well suited for a medium sized data set like ours. The invention uses a new dataset to achieve a good amount of accuracy of 94%.

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