Medical errors are generally costly and harmful. They caused a large number of deaths worldwide annually. A clinical decision support system offers the opportunity to reduce medical errors and also to improve patient safety. Certainly one of the most crucial aspect in applying such a systems is the diagnosis and therapy for heart diseases. This is because statistics demonstrate that a heart disease is one of the premiere factor behind deaths throughout the world. Data mining techniques are quite effective in designing clinical support systems and having the ability to discover hidden patterns and relationships in medical data. Till now, Data mining classification techniques is implemented to analyze the different kinds of heart based problems. This paper is aimed at developing a heart disease prediction system using data
mining clustering techniques.

References


Index Terms
Keywords
Heart Disease Prediction  Data Mining Clustering Techniques  Weka Tool