

Voice Based Human Identification System

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ABSTRACT

At present in Sri Lanka, There are many Authentication methods are used to verify human identification. We can some inefficiencies and shortcomings in the current systems. When using pin or smart card system someone could stole pin or smart card and use it for get falsely authentication.

The voice of a person is an important action of a human being and it is one of the ways to know human identity. This system provides the facility of human identification using human voice. The voice detection represents an important part of the speech processing and it is the subject of contemporary research. Voice recognition use in many fields today, like speech recognition systems and many other fields.

But in this system it identifies persons using voice we can apply this in authentication purposes like key to enter secured area. Using this system we can identifies persons and gives authority to right persons to enter secured area.

This solution is aimed at providing a neural network based verify the user's authentication. And system is developed using C#.net.