IMPLEMENTATION OF VOICE BASED ACCESS CONTROL SYSTEM FOR HIGH SECURITY USING MATLAB

OBJECTIVE:

The main objective of this project is to provide the high protection security system using matlab and embedded system.

ABSTRACT :

The speech processing and its application to intelligent system is the state of the art research. The systems are getting smarter day by day with the introduction of the speech signal to control the machine. The basic model of human speech system is used to design the algorithm which is able to detect words as well as an alphabetical letter to generate commands and can used used for access control and security system. Once the speech is enhanced and the valued information is extracted, automatic speech recognition system is used to continuously detect the environmental sound and capture the portion of sound which is in the range of human speech frequency.