**Overall goal: Switch Control with Voice Recognition.**

Converting analog audio to digital signals.

Voice Recognition Software requires:

**Inputs**

User details:

First Name – Text Field

User ID- Integer

Password- Varchar

Digital database or vocabulary of words - Char

Speech

**Output**

**L**ights on

Lights off

Error Occurred.

**Overall Requirements**

Wi-Fi

**Flow**

Speech recognition -“Switch the lights on”

Analog audio converted to digital

The digital audio is crosschecked on the digital database

Signal sent to the switch

Out puts lights on or outputs light off.