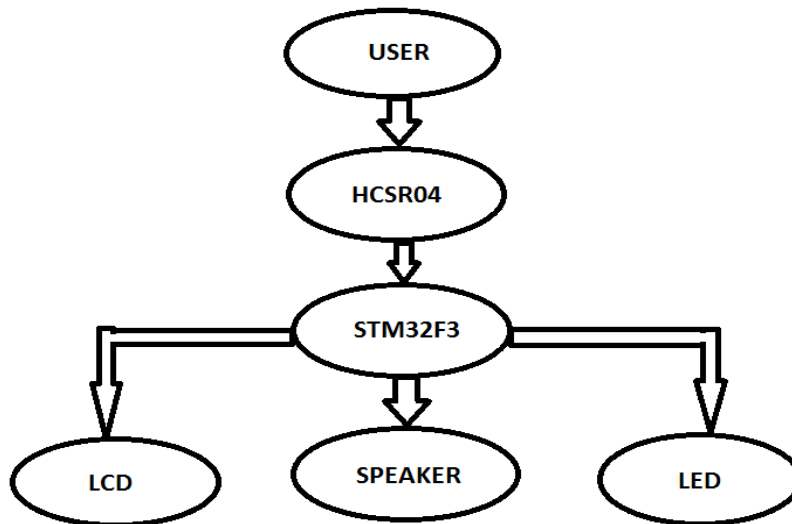# Gesture Control Music

Definition: Design the music system controlled by gesture using stm32(Discovery board) and HCSR04(Ultrasonic sensor).

Components used:STM32FD, HCSR04, Speaker, LCD, Voltage controlling IC, LED, Resistors, Connecting wires, Power supply, Push button.

Software and Environment used: Ubuntu version 16, ScoreCloud

Concepts used: PWM, ADC, DAC, Serial communication

Functionality of project:

 All the inputs given by user through HCSR04 and push button to STM32 it is the brain (most important part) of project it decides what kind of output should be given to Speaker, it also shows output using LCD and LED. For making musical notes I am taking help from ScoreCloud

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