SMS POLL COUNTING SYSTEM FOR TV SHOWS

ABSTRACT

A GSM modem provides the communication interface. It transports device protocols transparently over the network through a serial interface. A GSM modem is a wireless modem that works with a GSM wireless network. This GSM Modem can accept any GSM network operator SIM card and act just like a mobile phone with its own unique phone number. Advantage of using this modem will be that you can use its RS232 port to communicate and develop embedded applications. Applications like SMS Control, data transfer, remote control and logging can be developed easily. The modem can either be connected to PC serial port directly or to any microcontroller.

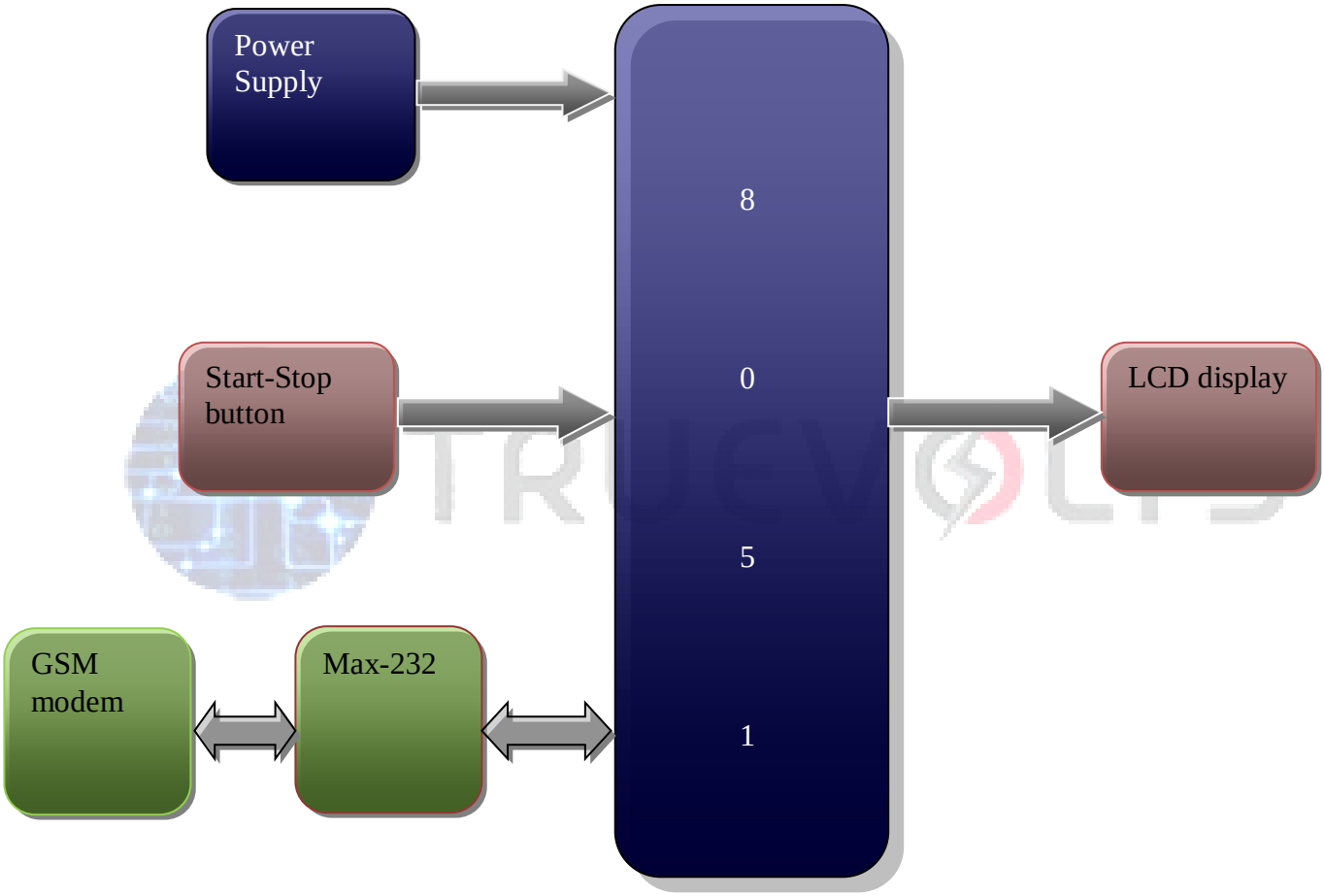
This project is designed to display the results of TV show competitions between the competitors. In general, we might have seen many TV shows like singing and dancing competitions etc., in those TV shows the competitors asks audience to poll them via messages based on their performance. Here we design a similar system which accepts polls from different mobile numbers, and segregated to their respective contestants. The system also consists of a start/ stop button pressing which we can activate/ deactivate the polling session. After the polling is done, the controller checks the no of polls for each contestant and displays them on to a 16x2 LCD interface to the controller.

This project uses regulated 5V, 500mA power supply. 7805 three terminal voltage regulator is used for voltage regulation. Bridge type full wave rectifier is used to rectify the ac output of secondary of 230/12V step down transformer.

APPLICATIONS:

- Education applications
- Database applications

BLOCK DIAGRAM:



POWER SUPPLY BLOCKDIAGRAM: