Android Powered Juice Vending Machine

In summers, as temperatures is high all the day, people often get thirsty now and then. So during this time juice vending machines play a very important role in people’s life. Normal juice machine is manually operated i.e to operate that machine every time some person must be present over there. So we here propose an interesting machine named “Android controlled Juice Vending Machine” in which thirsty person just need to put a Coin into machine and select which ever juice he wants with his phone itself.  
The system is based on Atmega family microcontroller. Which when gets a signal from phone gives the signal to respective pump to start or stop the flow of juice. The system is based on Android phone control. The phone is connected to Machine with Bluetooth module. One more extra part is IR sensors are placed at Juice outlet which detects the presence or absence of glass. If glass is not present it will notify the customer via display and a buzzer and will not start the flow. It also detects how much glass is filled if the glass is full the machine will stop the flow automatically.  
Hence this system can be installed anywhere, for example: a private office, a school, a canteen or at one’s house. This is the most suitable system to fend off extreme temperatures because, it helps your body to stay hydrate whenever and where ever you want. So goodbye to “Thirst” and “low energy”.