



IOT for school Children



1. Build Games Which Interact With Your Mobile Phone/ PC's Camera And Move Characters Around With Your Hands Movement.
2. Learn How To Draw Geometric Shapes With Different Available Commands. Convert What You Draw On Paper Into Digital Drawings.
3. Talking To Toys.
4. Alarm Clock Controlled By A Phone App.
5. LCD Game.
6. IOT Smart Bulb - A RGB Bulb That Monitors And That Can Be Enabled Using A Wifi Module .
7. IOT Candle - This Shows A Beautiful Candle Using WIFI Module And RGB Light .
8. IOT Incubator For Growing Bacteria - This Monitors The Growth Of Bacteria In This Incubator. It Is Made Up Of Some Heating Pads, Fan, Temperature Sensors. All These Are Monitored By The Microcontroller.
9. IOT Door Bell - This Shows An Automatic Door Bell Which Sends An Sms Or Email. Thus The Owner Can Easily Monitor From Anywhere If Someone Knock His Door..
10. IOT Garage Door Monitor/Opener With Finger Print Scanner - The Garage Door Opener Can Be Used To Monitor The Garage Door From Anywhere Through The Mobile Phones Or By The Led Array. It Can Monitor The Status Of The Door From Anywhere And A Finger Print Access Is Given To It In Order To Stop Unauthorised Access.
11. Multi Room Music Player - A Multi Room Audio System Can Be Used To Listen To Music In Every Room Of The House. The System Uses A Raspberry Pi As The Main Controller With IR Control And Relay Board For Enabling Or Disabling Speakers In Specific Room. Can Be Used With Ethernet Or Wi-Fi And Has The Ability To Play Audio From PC, iPhone Or Online.
12. Automatic Smart Parking System - This System Finds The Nearest Parking Area And Also Provides Parking Slot In The Given Area. Thus It Reduces The Time In Finding Parking Area And Also Reduces Fuel Consumption Of The Vehicle.
13. Intelligent Traffic Information System - The Architecture Of The System Employs Internet Of Things (IoT), Wireless Sensor Network (WSN), RFID, GPS, Cloud Computing Etc. The Proposed System Is Based On IoT And The Data Collected From Large Number Of Sensors And RFIDs Is Transmitted Wirelessly. IoT Helps In Improving Traffic Conditions, Safety, Efficiency And Cost Of Implementation.
14. IOT Enabled Egg Tray - Monitors The Count Of Eggs And Displays It On The Interent. Not Only This It Reminds The Owner When He Is Near A Grocery Shop/Mall About The Low Count.
15. IOT Chat - IoT Chat Allows The IOT Users To Communicate With Each Other From Anywhere In The World. This Provides The Robust And Easy To Use Platform For IOT User And Hackers To Support Their Projects.

