



**Department of Electrical and Electronic Engineering
Faculty of Engineering
Daffodil International University**

**EEE 400
Final Year Design Project
Progress Report**

“IOT(Internet of things) Based Smart Switching And Controlling Module”

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❖ Introduction

I am making iot based smart switching and controlling module. I have already completed 65% of my project. And showed some project work to my respected Super visors few days ago. I am very interested and hopeful to do the project.

❖ Literature Review

I have developed an "IOT" based with manual Remote control combined smart switching module. Modern and with incredible features. I think its proper use will help modernize our used things. The project has two main parts. One is IOT control and the other is Remote control. Two parts will work simultaneously to control the system. With temperature and humidity Based Control .

❖ Project aims , objectives and Expected Outcome

- Home Automation.
- Industrial Machine Controlling.
- Weather Monitoring.
- Robot's Arm and Robot Control Car Controlling.
- Fire Safety.
- Smart Irrigation System Control.
- Using Lab use for IOT Smart Trainee Module Board.
- Power System And Grid Network Controlling .
- Security System Controlling.
- Smart Traffic Controlling System.
- Smart Electrical Appliance.
- Control System.
- Medical and ICU Instruments Controlling .

❖ Conceptual Framework & system design

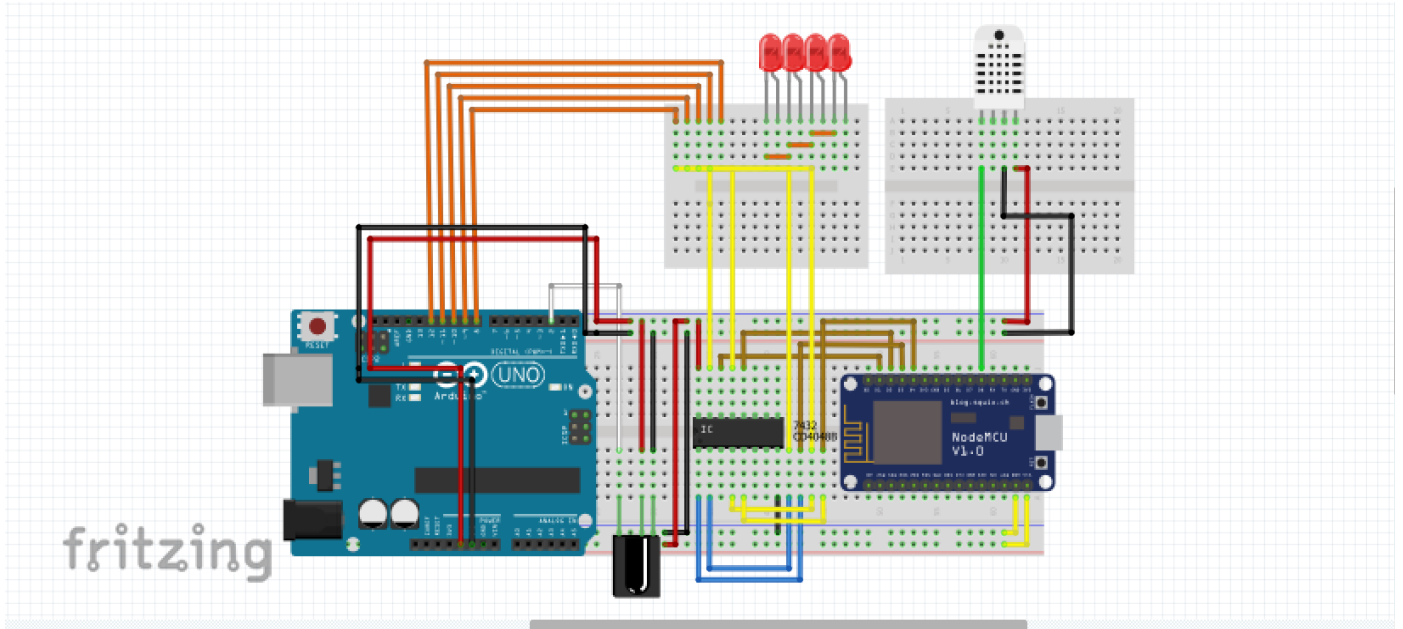
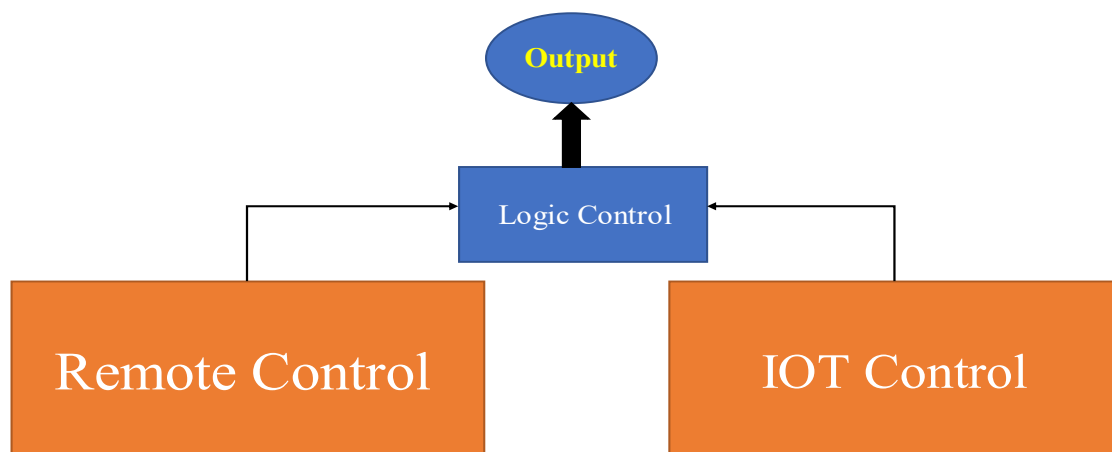


Figure: Circuit Design in fritzing

• Block Diagram of This Project



services and applets List:

They mean's My system can be controlled with these services and applets. For this I am using an online platform called IFTTT.

IFTTT Home Search Account Activity My Applets My Services Create Help Sign Out burkybang Get more

Your world works better together

Filter services

500px

Android Device

Apple App Store

Box

Button widget

Camera widget

Date & Time

Dropbox

Email

Facebook

Facebook Pages

Feedly

Foursquare

Gmail

Google Assistant

Google Calendar

Google Contacts

Google Sheets

IFTTT

Instagram

Instapaper

App.net

bitly

blink(1)

Blogger

Box

Boxcar

Boxoh Package Tracking

Buffer

BuzzFeed

Campfire

Craigslist

Date & Time

Delicious

Diigo

Dropbox

Email

Etsy

Evernote

Facebook

Facebook Pages

Feed

ffffound!

Flickr

Foursquare

Gmail

Google Calendar

Google Drive

Google Reader

Google Talk

HootSuite

IFTTT

Instagram

Instapaper

Last.fm

LinkedIn

Moped

Phone Call

Pinboard

Pocket

Pushover

Readability

Salesforce Chatter

SkyDrive

SMS

SoundCloud

Stocks

Storify

Supply

Tumblr

Twitter

Vimeo

Weather

WeMo Motion

WeMo Switch

Withings

WordPress

Yammer

YouTube

Zootool

❖ Budget Summery

The devices used in the project are approximately 3000 BDT as per the current market price. It is estimated that the project will cost a maximum of 3 thousand BDT.

❖ Conclusion and Reference:

I want to create the project. And seek the help of all teachers.

In this regard, I have taken the help of various platforms. such as:

- You Tube .
- IFTTT platform
- Arduino IDE
- Arduino Cloud
- Arduino.CC