

**Project Name : File Sharing with Wifi.**

## **Background:**

The purposes of this project is to share files using WiFi. Through this project we can easily share data from PC to PC , PC to Tablet and etc . Through this project Teachers and Students can easily share their Files to the students and teachers. It reduces our time to share files with students and teachers .We can easily upload and View any files like PDF,image,MP3,Video etc.

## **System Architecture :**

### **Configuration Technique for File share with wifi :-**

Step 1: Control Panel

Step 2: System and Security

Step 3: Windows Firewall.

Step 4 : Allows App

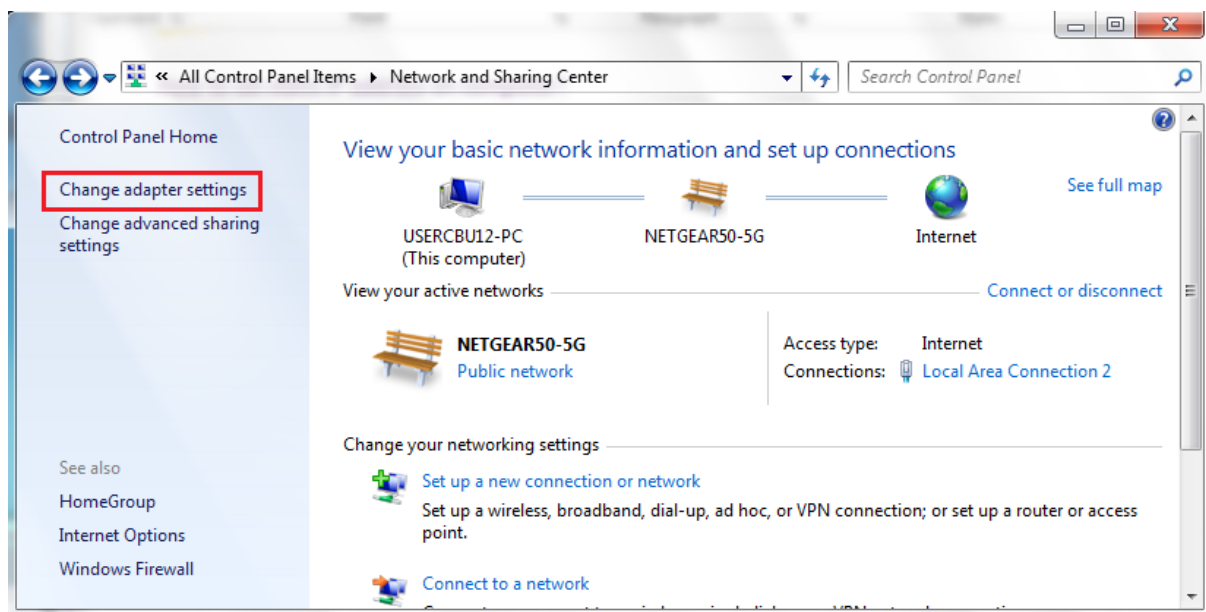
Step 5: Apache HTTP SERVER

Step 6: Link with C:\xampp\apache\bin\httpd.exe

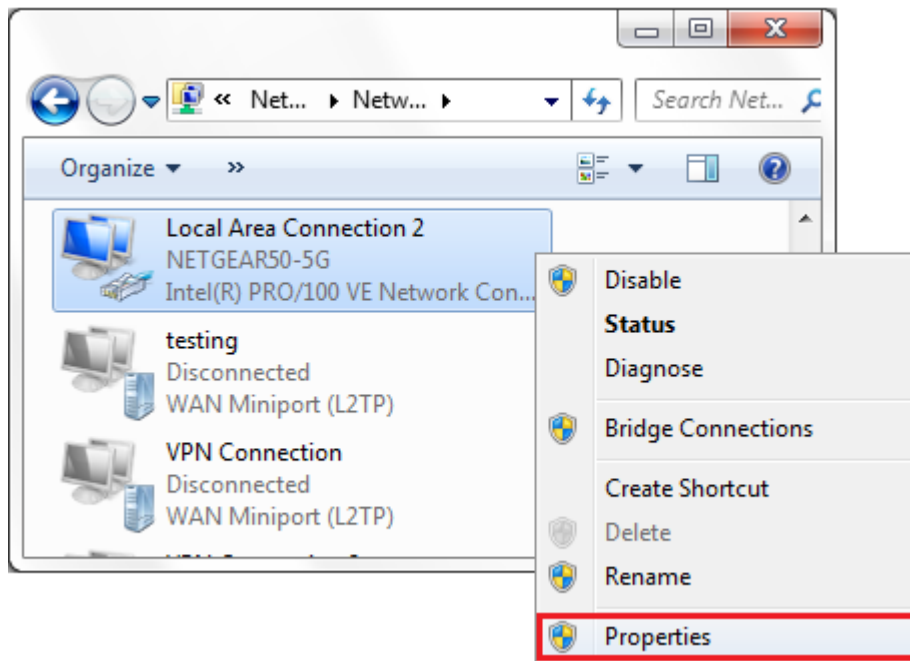
# Static IP Address Configuration Technique :-

Step 1: Click **Start Menu > Control Panel > Network and Sharing Center**. (For Windows 8 and higher, search for and open Control Panel and select Network And Internet).

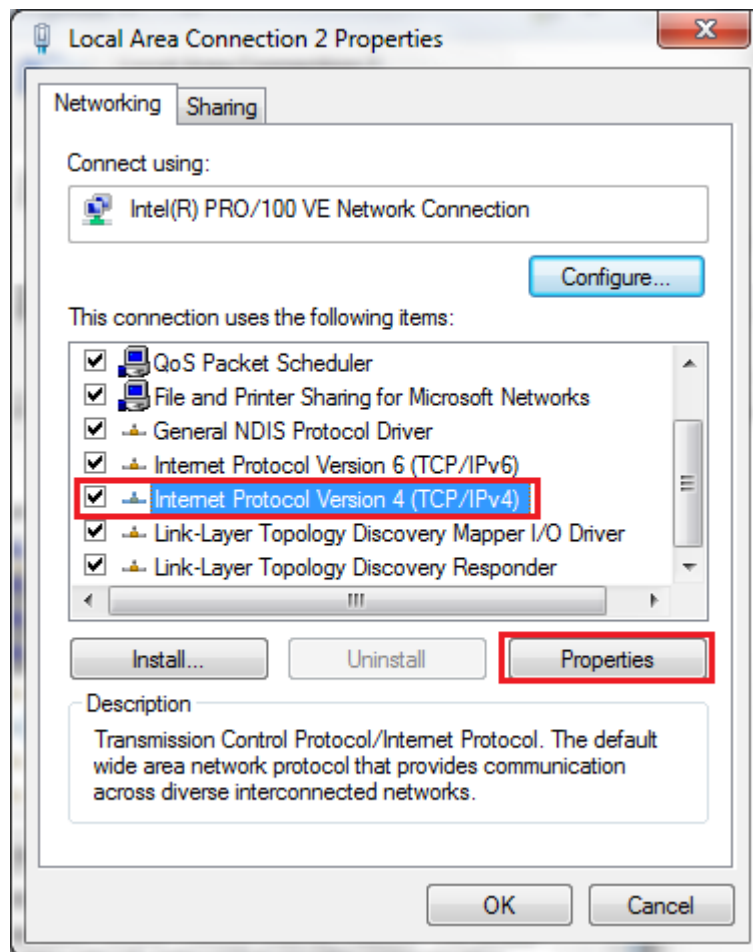
**Step 2:** Click **Change adapter settings**.



**Step 3:** Right-click on **Local Area Connection** and click on **Properties**.



**Step 4: Select Internet Protocol Version 4 (TCP/IPv4) and click on Properties.**



**Step-5 :** Select "**Use the following IP address**" and enter the IP address, Subnet Mask, Default Gateway. and DNS server. Click **OK** and close the **Local Area Connection** properties window.

Internet Protocol Version 4 (TCP/IPv4) Properties

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

☐ Obtain an IP address automatically

☒ Use the following IP address:

IP address: 192 . 168 . 1 . 10

Subnet mask: 255 . 255 . 255 . 0

Default gateway: 192 . 168 . 1 . 1

☐ Obtain DNS server address automatically

☒ Use the following DNS server addresses:

Preferred DNS server: 8 . 8 . 8 . 8

Alternate DNS server: 4 . 2 . 2 . 1

☐ Validate settings upon exit

Advanced...

OK Cancel

## Structures of Websites :-

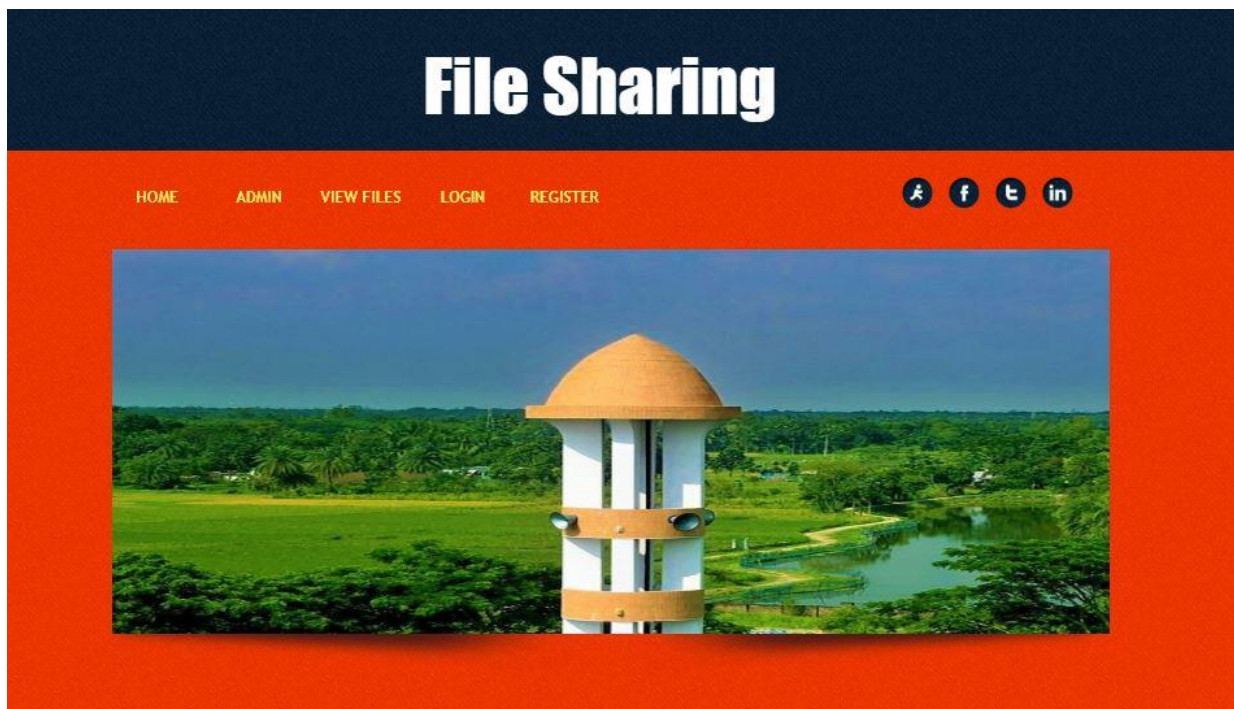


FIGURE :- HOME PAGE

## File Upload and View

[UPLOAD NEW FILES HERE.](#)

Uploaded Files					
No	File Name	File Type	File Size(KB)	Name	View
1	84323-1484536476-30287600.jpg	image/jpeg	59	mahedi	<a href="#">view file</a>
2	84513-download-(2).jpg	image/jpeg	9	mahedi	<a href="#">view file</a>

FIGURE :- View File Table

## Feasibility Study :

At first , I have been studied , how to share file using wifi . After studying ,I have known the main theme of file Sharing properties ( i.e I have needed a router for connecting devices , needed a computer for making local server and open windows firewall which helps to allows any kinds devices like computer ,mobile etc to access data from server pc).Besides we have to need a websites which helps to share files easily within peoples .in this reason I also have learnt all basic things of web development firstly I have study on HTML and CSS then I try to know basic about JAVASCRIPT. Finally I gather knowledge about PHP. For my database I use mysql database what is previously known to me, for learning basic of this I need 1 month approxiomately .

## Implementation :

For implementing this project , at first I have made a server PC for localhost where this project will be run. Then I have opened windows FireWall in server PC which helps other Devices to access files and others from Server pc . Then I have opened (Apache HTTP Server) and link with xampp.

After configuring windows firewall I have configured router . we know that the IP address of any computer change dynamically ,it may be make huge problem within user because find out main IP address. For this reason ,I have made Static IP address for Static IP which will not be change future .

Then I have made a File Sharing websites with the attributes (Home , Admin, Upload , View, Login, Register) . For making this WEBSITES I have used some of the Web developing Languages , that is HTML, CSS, JavaScript,PHP,MySQL . Here I have use HTML and CSS for DESIGN this websites and PHP is Used for making Dynamic websites.



**Conclusion :** I think my project will be helpful within our students and Teachers to share their important files . It reduces our valuable time for sharing files . Besides it reduces our cost of internet because there is no needed any internet of our pc or mobile for accessing data. Its only needed wifi connected Devices.