

WORK FILE

TITLE : Wifi Jammer using IOT

Statement of problem :

Such a powerful tool like the internet needs limitations. It is a great channel for work and pleasure, allowing you access to almost anything you can imagine with just a few clicks. On the other hand, it is also a huge risk to your privacy, security, and authority at work and home. WiFi can be abused, and it often is. Obtaining and using a WiFi blocker can be the answer to all of your concerns.

Scope of work :

Using a WiFi blocker can help your company keep its information on the inside. Phones and other devices will not be able to send any audiovisual information through the internet, and employees won't be able to post on social media.

If you are personally trying to work, or you're encouraging your employees or students to work, distractions can be your biggest enemy. WiFi blockers can stop any internet distractions from reaching you and those around you. In turn, you'll ensure an uninterrupted working environment.

Many hackers choose to attack your data overnight so that you aren't aware of the breach until hours later. To combat this, many people choose to unplug or turn off their internet overnight.

Kids who have been using the internet way too late at night or accessing information they shouldn't, then you can control access to the internet whenever you need.



Guide's Signature and Date

Student Request for Guide

We the students of 3 /4 section-C VI Sem IT hereby request you to guide our Mini Project, " Wifi Jammer using IOT ".

Roll.No	Name	Signature
2451-19-737-178	K. REVAN	
2451-19-737-180	V. YOGESH	
2451-19-737-313	N. SUSHMA	

Guide's Consent

I, Ch. Srujana, hereby give my consent to guide the Mini Project "Wifi Jammer", with a batch of students that made a request above.



Signature and Date

Date: 5/5/22

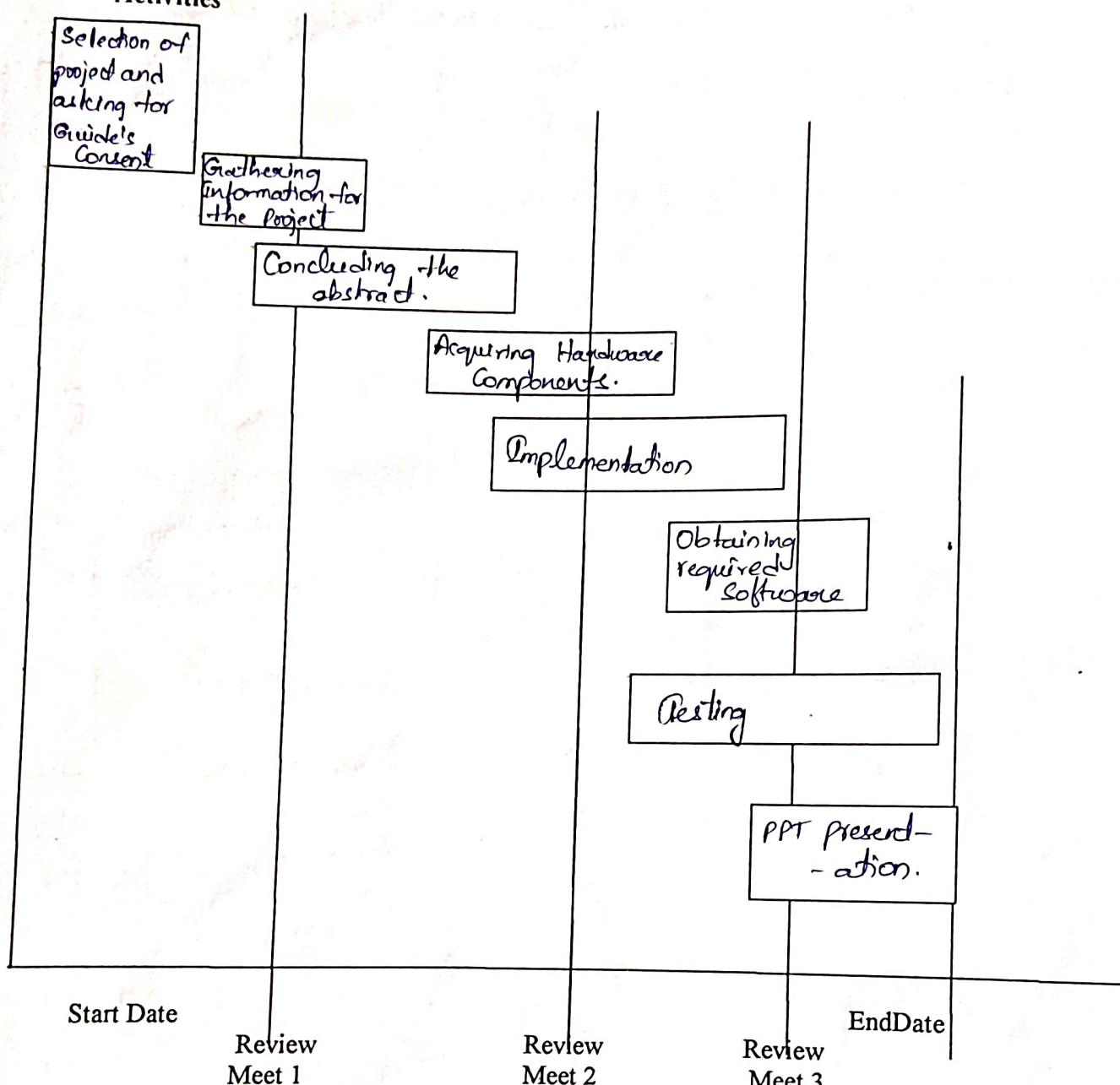
Name: Ch. Srujana

Designation: Asst. Prof

Department of Information Technology

Master Work Plan Sheet

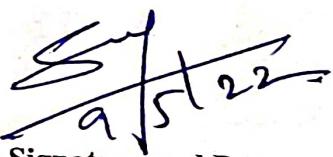
Activities



S/ast 22
Guide Signature and

Activities

- > Team Formation, Project Selection, Guide Consent (11-04-2022)
- > Planning and scheduling for the project. (18-04-2022)
- > Gathering information & identifying project requirements and sources. (25/04/22)
- > Project Division (25/04/22)
- > Designed a Block diagram (02/05/22)
- > Acquiring required software and resources (09/06/22)
- > Implementation of Code (13/06/22)
- > Debugging (20/06/22)
- > Testing (20/06/22)
- > PPT presentation (12/07/22)



Guide's Signature and Date:

Abstract:

Now a days Wi-Fi password hacking is very common, so by Jamming the Wi-Fi Network we can block or jam any Wi-Fi Connection, and no one is able to connect to that Wi-Fi network even after knowing the password.

This can be done with a tiny Microcontroller ESP8265, which is also referred as Wi-Fi module or NodeMCU.

A Jammer sends noise signals to the WiFi spectrum(2.4 GHz) thus disturbing original Wi-Fi frequency spectrum.

There is a WiFi protocol called 802.11 which acts as deauthentication frame. This is used to safely disconnect all the users connected with the router. To disconnect any device from some WiFi network, it is not important to know the password or to be in the network, we just need MAC address of the WiFi router and Client device and it is enough to be in its range of that WiFi network.

~~SJST'22~~

Daily Work-Log

Date: 11-04-2022

Timing: 11:40 am to 1:40 pm

S.NO	Activity	Activity Details	Remarks
1.	Team formation	Formed a team of 3 students	
2.	Selection of project	Discussed with teammates and selected a project	

Signature of the Candidate Sushma V. Yogi

Signature of Lab Assistant

Signature of in charge

Supervisors/Guides Remarks :

SJ / 11/04/22
 Guides signature and Date

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Daily Work-Log

Date: 18-04-2022

Timing: 11:40 am to 1:40 pm

S.NO	Activity	Activity Details	Remarks
1.	Selecting guide for the project	Discussed briefly about project and ideas with guide and requested for further help.	
2.	Explained about project to guide	Explained problem statement & Solution in different domains	
3.	Getting Consent letters	Requesting Consent letters from guide.	

Signature of the Candidate Sushma V. Nagarkar

Signature of Lab Assistant

Signature of in charge

Supervisors/Guides Remarks :

S1
18/04/22
Guides signature and

Date

Daily Work-Log

Date: 25-04-2022

Timing: 11:40am to 1:40pm

S.NO	Activity	Activity Details	Remarks
1.	Gathering Information	Collecting Required data for the project through Research papers and internet	
2.	Problem statement for project	Writing brief description on problem statement and scope of work (Abstract for the project)	
3.	Division of project among teammates	Allotted the work to teammates that to be done individually.	

Signature of the Candidate

Sushma V. Nagdekar

Signature of Lab Assistant

Signature of in charge

Supervisors/Guides Remarks :

Guides signature and

Date 25-04-2022

SGT/22
25/4/22

Daily Work-Log

Date: 02-05-2022

Timing: 11:40 am to 1:40 pm

S.NO	Activity	Activity Details	Remarks
1.	Designed a Block diagram.	Designed a block diagram of the project work that to be done.	

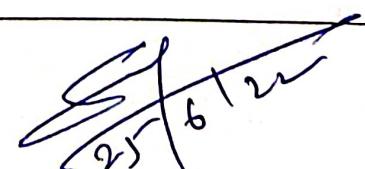
Signature of the Candidate

Sushma V. Hogebe Zumra

Signature of Lab Assistant

Signature of in charge

Supervisor's/Guide's Remarks :


 Guide's signature and Date
 25/5/22

REVIEW MEET - 1

Date: 09/05/2022
Time: 11:40 am to 1:40pm

Agenda	Decisions
1) Abstract verification	Changing the scope of project with required details.
2) Queries regarding work log files.	Clarified the work log files

Guide:
Signature:



09/05/22

Designation: Asst. Professor

Name	Roll No's
1. K. Revan	2451-19-737-178
2. V. Yogesh	2451-19-737-180
3. N. Sushma	2451-19-737-313

Signatures

K. Revan
V. Yogesh
N. Sushma

Daily work log-

Date: 09/06/22

Timing: 11:40 am to 1:40 pm

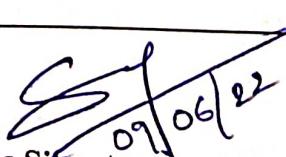
S.NO	Activity	Activity Details	Remarks
1.	Acquiring required software and resources.	Arduino IDE, WinRar	

Signature of the Candidate Sushma V. Yogeesh Rawat

Signature of Lab Assistant

Signature of in charge

Supervisor's/Guide's Remarks :


 Guide's Signature and Date:
SSJ 09/06/22

Daily Work-Log

Page 6 of 10

Date: 13/06/22

Timing: 11:40 am to 1:40 pm

S.NO	Activity	Activity Details	Remarks
1.	Partial Code Implementation	Implemented the code using Arduino IDE in node mcu.	

Signature of the Candidate : Seethuva Vayalath Devam

Signature of Lab Assistant

Signature of in charge

Supervisor's/Guide's Remarks :


13/06/22
Guide's signature and Date

Daily Work-Log

Page 7 of 10

Date: 20/6/2022

Timing: 11:40 am to 1:40pm

S.NO	Activity	Activity Details	Remarks
1.	Partial code Implementation	Implemented the code using Arduino IDE in node mcu.	
2.	Completion of the code Implementation	Completed the code for connecting	

Signature of the Candidate

Sreshma Vijayendra Burwan

Signature of Lab Assistant

Signature of in charge

Supervisor's/Guide's Remarks :

Demonstration also completed

got the oIP, working
properly in the range of
50m-

SJ / 20/6/22
Guide's signature and Date

REVIEW MEET - 2

Date:	Time:
Agenda	Decisions
1) Suggested necessary changes in the project 2) Verification	changes were made accordingly Advised debugging the code

Guide:
Signature:

SJ 6/22 (Ch. Srugam)

Designation: Asst. Prof.

Name	Roll No's
1. K. Revan	2451-19-737-178
2. V. Yogesh	2451-19-737-180
3. N. Sushma	2451-19-737-313

Signatures


Sushma.

Daily Work-Log

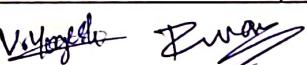
Page 8 of 10

Date: 20/06/2022

Timing: 11:40 am to 1:40 pm

S.NO	Activity	Activity Details	Remarks
1.	Debugging	Fixing the errors and reimplementing the code.	
2.	Testing	Testing and implementing the code.	

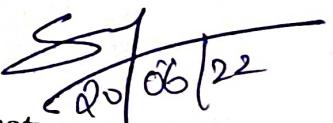
Signature of the Candidate

Sushma 

Signature of Lab Assistant

Signature of in charge

Supervisor's/Guide's Remarks :


20/06/22
Guide's signature and Date

Daily Work-Log

Page 9 of 10

Date: 27/06/2022

Timing: 11:40 am to 1:40 pm

S.NO	Activity	Activity Details	Remarks
1.	Power point presentation	Prepared a ppt on the project	

Signature of the Candidate

Sushma V. Yogeshwar

Signature of Lab Assistant

Signature of in charge

Supervisor's/Guide's Remarks :


Guide's signature and Date