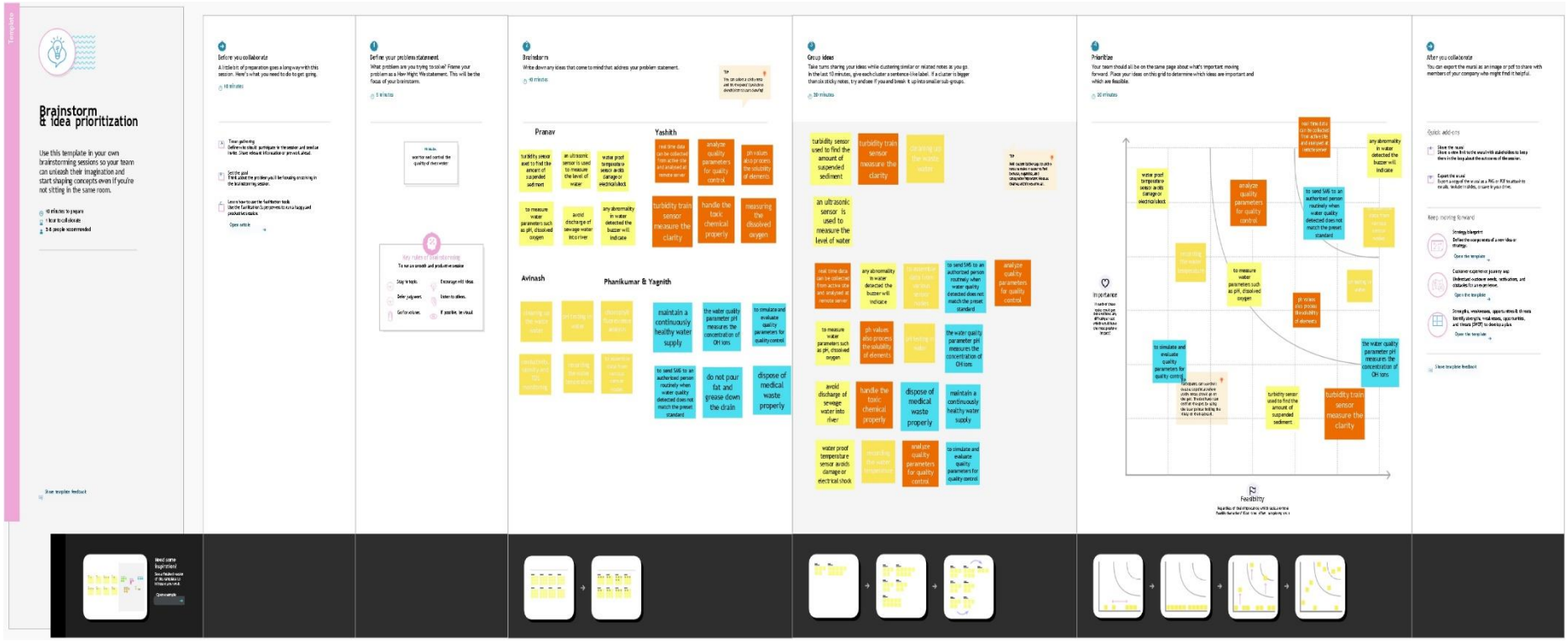
NALAIYA THIRAN
WEEK 4 REPORT

Phase 2 Description: Ideation Phase (Literature Survey, Empathize, Defining Problem Statement, Ideation)

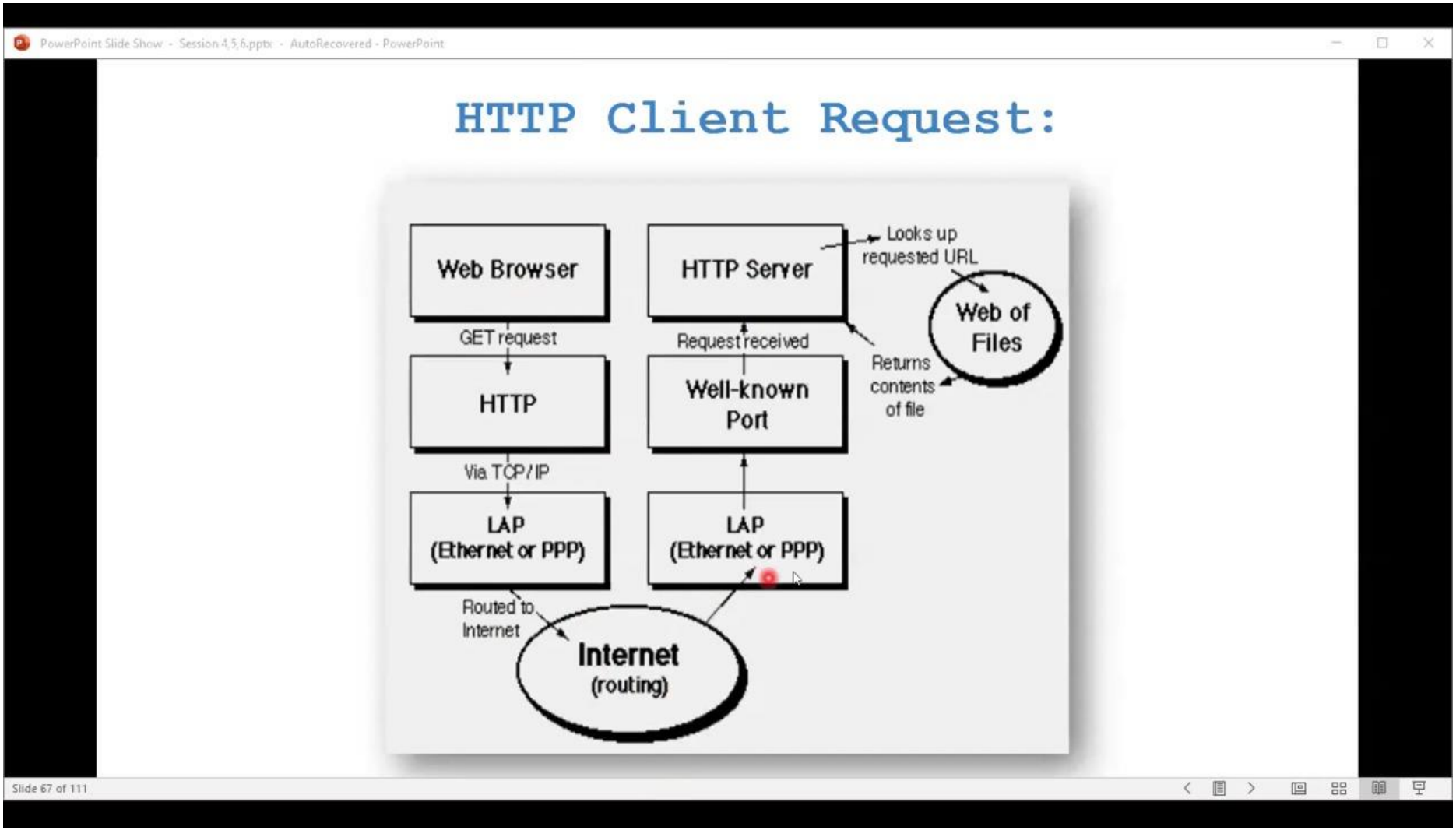
2.5 List the ideas (atleast 4 per each team member) by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance

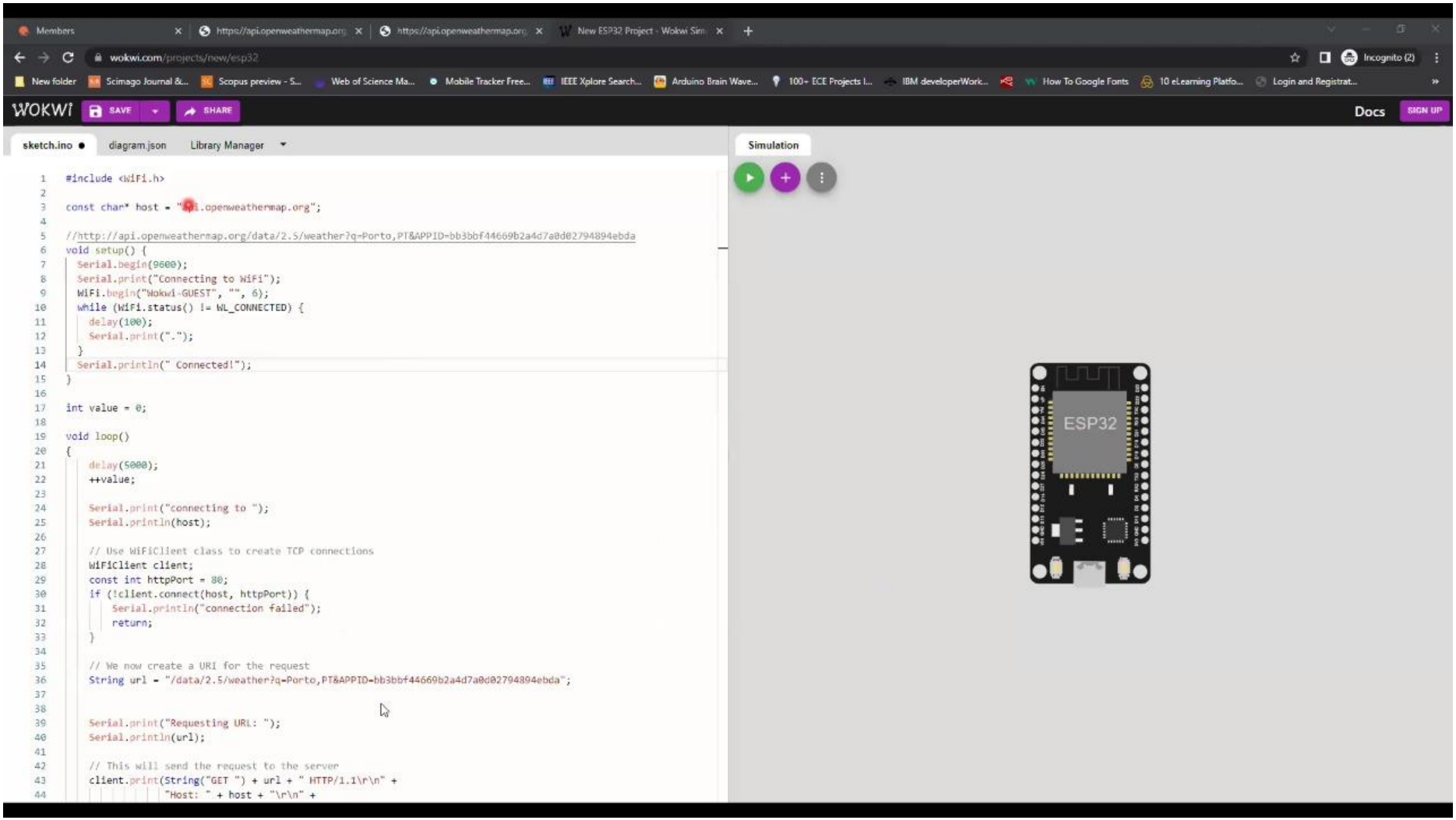
BRAINSTORMING



2.6 Attended the technology trainings as per the training calendar

IoT -B3-3M5E (Evening Session) - Day 5 (16.09.2022)




Members
https://api.openweathermap.org
https://api.openweathermap.org
New ESP32 Project - Wokwi Sim
wokwi.com/projects/new/esp32
Incognito (2)
New folder
Scimago Journal &...
Scopus preview - S...
Web of Science Ma...
Mobile Tracker Free...
IEEE Xplore Search...
Arduino Brain Wave...
100+ ECE Projects I...
IBM developerWork...
How To Google Fonts
10 eLearning Platfo...
Login and Registrat...
WOKWI
SAVE
SHARE
Docs
SIGN UP
sketch.ino
diagram.json
Library Manager
Simulation
#include <WiFi.h>
const char* host = "api.openweathermap.org";
//http://api.openweathermap.org/data/2.5/weather?q=Porto,PT&APPID=bb3bbf44669b2a4d7a0d02794894ebda
void setup() {
Serial.begin(9600);
Serial.print("Connecting to WiFi");
WiFi.begin("Wokwi-GUEST", "", 6);
while (WiFi.status() != WL_CONNECTED) {
delay(100);
Serial.print(".");
}
Serial.println(" Connected!");
}
int value = 0;
void loop()
{
delay(5000);
++value;
Serial.print("connecting to ");
Serial.println(host);
// Use WiFiClient class to create TCP connections
WiFiClient client;
const int httpPort = 80;
if (!client.connect(host, httpPort)) {
Serial.println("connection failed");
return;
}
// We now create a URI for the request
String url = "/data/2.5/weather?q=Porto,PT&APPID=bb3bbf44669b2a4d7a0d02794894ebda";
Serial.print("Requesting URL: ");
Serial.println(url);
// This will send the request to the server
client.print(String("GET ") + url + " HTTP/1.1\r\n" +
"Host: " + host + "\r\n" +
ESP32