COURSE NAME: IBM

GROUP NUMBER: 2

PROJECT TITLE: ENVIRONMENT MONITORING IN PARK

PROJECT SUBMITTED TO:SKILLUP

YEAR: 3

DEPARTMENT: ECE

SEMESTER: 05

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PROBLEM STATEMENT:

1.   In practical environmental monitoring application include protections of public water supplies.management of hazardous and radioactive waste,identification and analyzation of pollution sources that affect Urban air quality. As well as it will damages human health, so protection and management of natural resources like soil and water is most important to maintain.

SOLUTION:

Set up iot devices to monitor environmental conditions in public parks,such as temperature and humidity . This data can be shared on a public paltform to help visitors plan their outdoor activities.

Temperature and humidity sensor is use to detect the environmental conditions on public sensors using Arduino processor. The data collected is sent to cloud using esp8266 mudule.

This information is made available on a public platform so that people can plan their activities.