Software components:

🡪node red

🡪MIT app inventor

Hardware components:

🡪nodemcu(ESP-12E)module

🡪Basic Shield

Objective:

The main objective is to monitor the weather conditions at a particular place and makes the information visible anywhere in the world. The technology behind this is Internet of Things (IoT). The system deals with monitoring the environmental conditions like temperature, humidity with respect to its measured time with a microcontroller interfaced with sensors.

**SMART WEATHER MONITORING SYSTEM**

Methodology:

First,we need connect the wires according to the code and try to run the code without any errors and then upload the temperature, humidity and moisture values.

Then we create an app through MIT app inventor and build the app through QR code and install it in phone and there you can see the climate conditions.