PROJECT SCOPE DOCUMENT

PROJECT NAME :- Getting Temperature , Humidity & soil moisture values using IOT.

PROJECT MANAGER :- Sagar Shahuraj Jadhav

I'm Sagar Jadhav from PES Modern college of engineering , Pune. I completed First Year by First class with distinction . First of all , Thank you for giving me this opportunity to build my knowledge in IOT section . Our project is really helpful for us.

What we have today is a consequence of our thoughts of yesterday. Today's and tomorrow's thoughts create our life . On the other hand , I think that Farm is totally depends on not only season but also on climate . If Summer season is going on & climate is like a Winter season then there is ruin of crops , so that's a wrong thing happen with farmers .

Project Description is We have to develope an app which gives us details related to farming like temperature, humidity , Soil moisture temperature & cloud details . So for that first we have to Created IBM cloud accont & then we have to connect with it Watson IOT platform . In IBM IOT Watson platform , we create devices which are required in developing app . Then by using the IBM IOt sensor simulator , providing details like org. Id , device type .etc. connect with device .

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways. We have to install it from google and then run it on command prompt . After that , Copy the URL and paste it to google . In that , by clicking on manage pallete we have to download required nodered from it . With the help of project team @durgaprasad sir , required changes made in node-red window . After deploying , Required information got in node-red Dashboard window .

Requirements : - IDLE Python 3.8.2