



SMART AGRICULTURE USING IBM WATSON

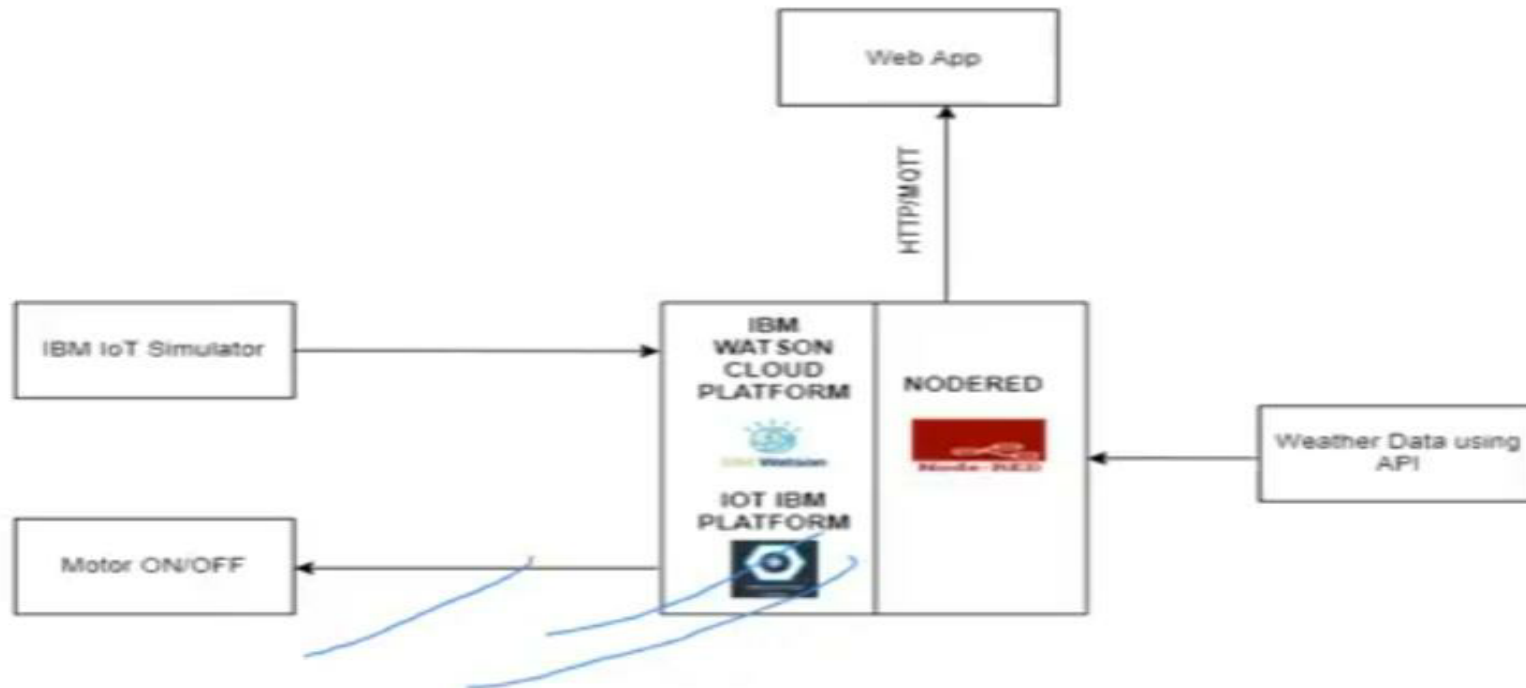
Introduction

- ⌘ Plants are essential part of human life they maintain ecological balance as well as they provide various resources to human being
- ⌘ To maintain the issue related to plant conservation is major concern in one's life
- ⌘ Using IBM Watson,node red ,open weather API , python we are creating a application to monitor temperature, humidity and moisture of the plants

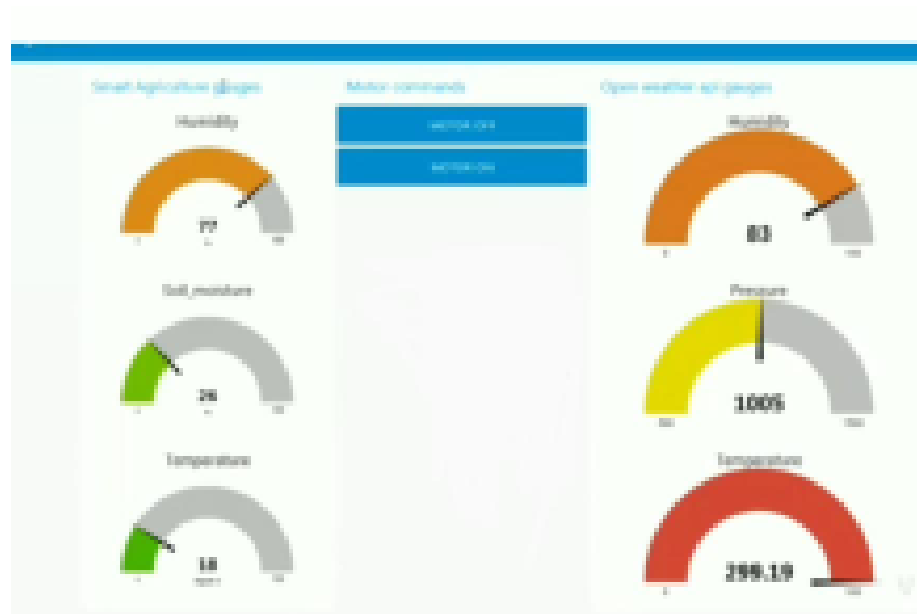
Requirements

- ☒ GitHub
- ☒ Zoho writer
- ☒ Slack
- ☒ IBM academic account
- ☒ IBM Watson cloud platform
- ☒ Node red
- ☒ Python IDE
- ☒ Open weather API

Block diagram



Application



Future Scope of IoT based Smart Agriculture System

Future work would be focused more on increasing sensors on this system to fetch more data especially with regard to Pest Control and by also integrating GPS module in this system to enhance this Agriculture IoT Technology to full-fledged Agriculture Precision ready product.