**MILESTONES AND ACTIVITY LISTS**

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| --- | --- |
| DATE | 11 November 2022 |
| TEAM ID | PNT2022TMID26839 |
| PROJECT NAME | Project – Smart Crop Protection –IoT Based Smart Crop Protection System for Agriculture |

# Pre - Requisites

IBM Cloud Services



Software

Create an Account in Clarifai

# Project Objectives

Create and configure IBM cloud services



Develop the python script

Develop a web application using node-red service



Ideation phase



Project design phase -1

Project design phase -2

Project planning phase



Project development phase

# Create and Configure IBM Cloud Services

Create IBM Watson IOT Platform and Device

Create Node- RED Service



Create a database in cloudant DB



Create a cloud object storage service

# Develop the Python Script and Subscribe to IBM IOT Platform

 Develop a Python Script

# Develop a Web Application Using Node - RED Service

 Develop a Web Application Using Node - RED Service

# Ideation Phase



Literature Survey on the Selected Project & Information Gathering

Prepare Empathy Map

Ideation

# Project Design Phase - 1

Proposed Solution



Problem solution fit

 Solution Architecture

# Project Design Phase - 2

Customer Journey



Functional requirement

Data Flow Diagram



Technology Architecture

# Project Planning Phase

Prepare Milestone & activity list



Sprint delivery plan

# Project Development Phase

Project Development - Delivery of Sprint - 1



Project Development - Delivery of Sprint - 2

Project Development - Delivery of Sprint - 3

Project Development - Delivery of Sprint - 4