**MILESTONES AND ACTIVITY LISTS**

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| **Date** | **9 November 2022** |
| **Team ID** | **PNT2022TMID26844** |
| **Project Name** | **PROJECT - 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