

PREPARE MILESTONE AND ACTIVITY LIST

IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

PREREQUISITES:

- ❖ IBM Cloud Services
- ❖ Software
- ❖ Create an account in clarifai

Project objectives

CREATE AND CONFIGURE IBM CLOUD SERVICE:

- ❖ Create IBM Watson iot platform and device
- ❖ Create Node-RED service
- ❖ Create a database in ibm cloud
- ❖ Create a cloud object storage service

DEVELOP A PYTHON SCRIPT

DEVELOP A WEB APPLICATION USING NODE-RED SERVICE

IDEATION PHASE:

- ❖ Literature survey
- ❖ 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
- ❖ Technical architecture

PROJECT PLANING PHASE:

- ❖ Prepare milestones and 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