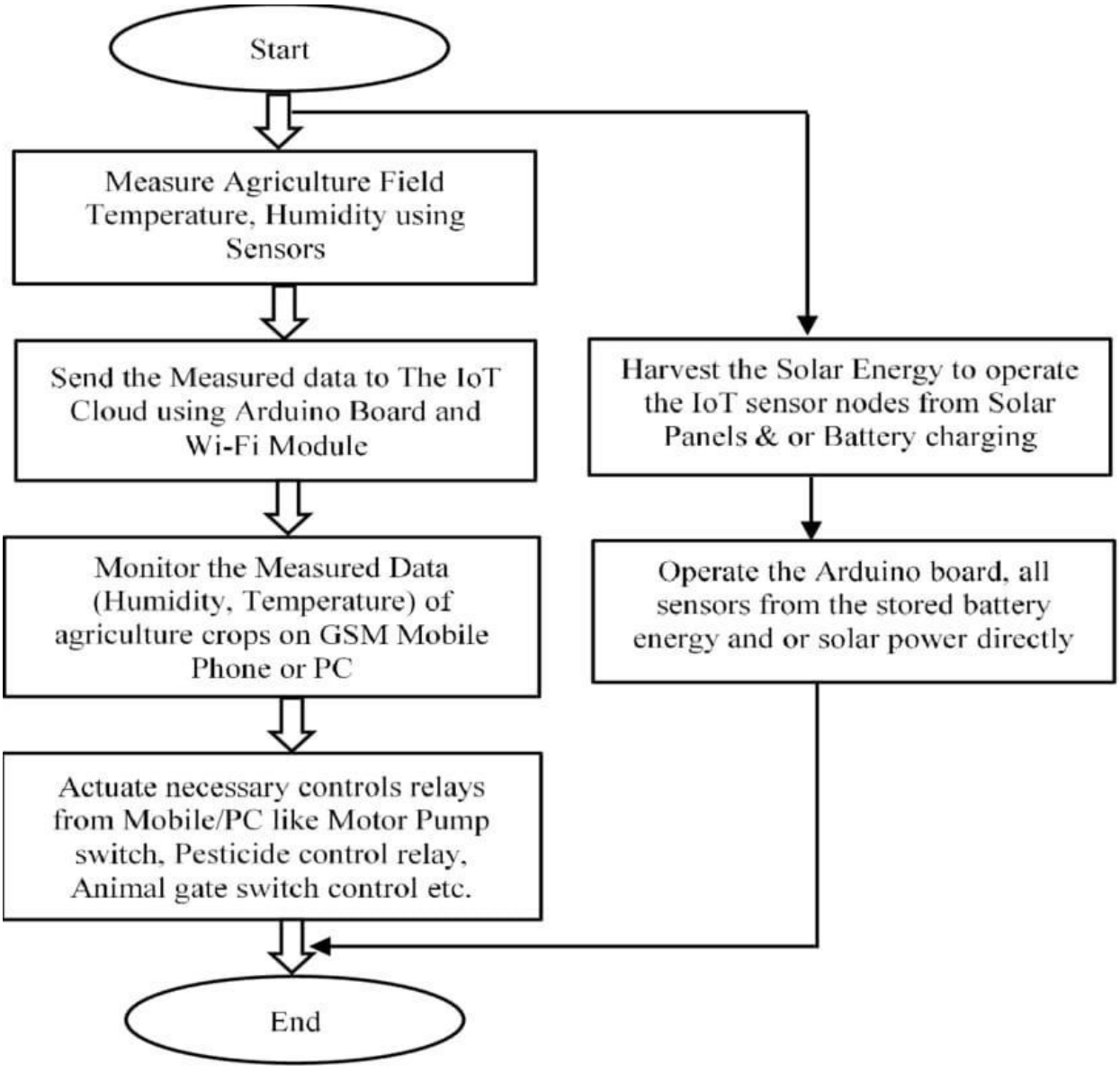
Project Development Phase

Project Development delivery of sprint 3

Team ID	PNT2022TMID45855
Project name	Smart Farming Application

Flow chart:



Concept:

Smart farming is management concept focused on providing the agricultural industry with the infrastructure to leverage advanced technology including big data, the internet of things (IoT)

- Tracking
- Monitoring
- Automating
- Analysing Operations

Advantages:

- It allows farmers to maximize yields using minimum resources such as water, fertilizers, seeds etc.
- Solar powered and mobile operated pumps save cost of electricity.
- Smart agriculture use drones and robots which helps in many ways.

Disadvantages:

- The use of fertilizers and other chemicals in modern farming leads to annual loss of soil quality.
- Approximately half of the nitrate in the fertilizers utilized on crops gets washed into water bodies resulting in water pollution.