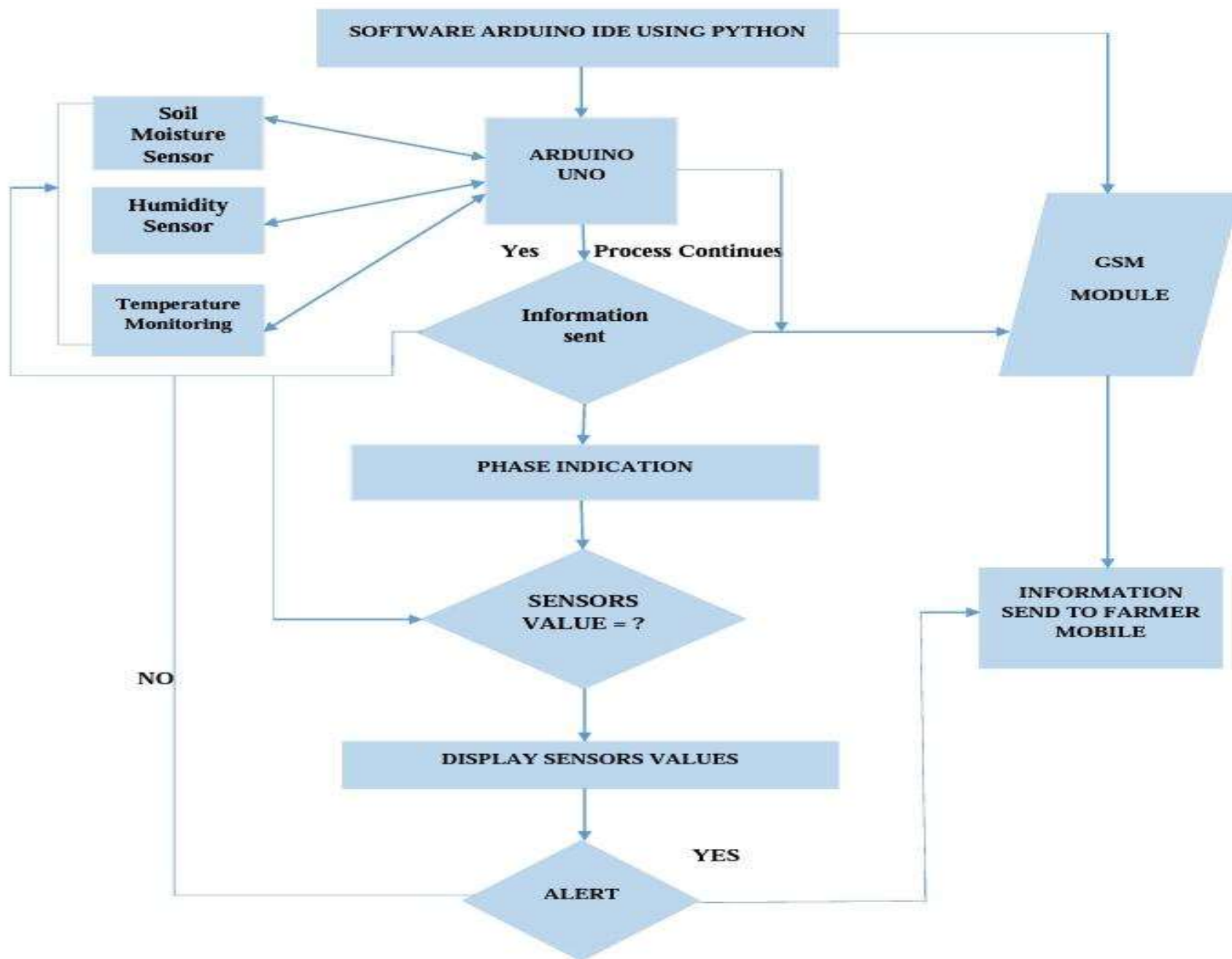


Project Design Phase-II
Data Flow Diagram & User Stories

Date	16 October 2022
Team ID	PNT2022TMID34075
Project Name	Project – Iot Smart Crop Protection System for Agriculture
Maximum Marks	4 Marks



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Farmer	Soil Humidity and moisture monitoring	USN-1	By a user,I can get maximum yield and reduce the disease in crops and optimise resources	Reduced Human efforts	High	Sprint-1
Farmer	Temperature monitoring	USN-2	It is helpful when growing crops that need wet or dry conditions	Better yields	High	Sprint-1
Farmer	Virtual Fencing	USN-3	By a user,I can protect the crops from unknown persons & animals	User can protect the farm	Low	Sprint-2
Farmer	GSM module	USN-4	Sending alert message to the user	User can able to understand person / animals may be entered into the farm	Medium	Sprint-1
Farmer	Watering	USN-5	ESP8266 Node MCU module and DHT Sensor for automatically irrigate the water level based on the moisture level in the soil.	Cost savings due to minimized water waste	High	Sprint-1