Project Design Phase – II
Solution Requirements

Team Id	PNT2022TMID41344
Project Name	Smart farmer – Iot Enabled smart farming application

Requirements specifications :

Functional Requirements :

The functional requirements indicate the functions and services of the present system. They describe the behaviour of the system in relation to the needs:

• Measure Temperature.

• Measure soil moister.

• Display the sensor readings on the LCD screen.

• Calculating the date and time.

• Irrigating the soil if needed.

• Turning on the fan if needed.

Non-functional Requirements:

The non-functional requirements for the present system consider the following:

• Availability:

The proposed product can be available and operable successfully all the time.

• Reliability:

The system provides an accurate measurement of data, and it can have a longer lifespan.

• Maintainability:

The present system can be improved easily by integrating new components with enhanced features.

• Simplicity:

The proposed system is user friendly. The usage of this product doesn't require any prior learning.