

## Project Design Phase-II

### Functional Requirements

Team ID	PNT2022TMID12914
Project Name	Smart Farmer - IoT Enabled Smart Farming Application

### Functional Requirements:

Following are the functional requirements of the proposed solution.

FR NO.	FUNCTIONAL REQUIREMENT (EPIC)	SUB-REQUIREMENT (STORY /SUB-TASK)
1.	User Registration	Registration through Form
2.	User Confirmation	Confirmation via Email Confirmation via OTP
3.	User Login	Log in with your Email Id and Password
4.	Forgot Password	Log in with Email Confirmation Of OTP
5.	Feedback Form	Make a note of the problems and issues faced by the user when using the application
6.	Basic information (Weather, soil type)	To find the basic information of a particular area
7.	Agriculture Note	To list agriculture-related information like how to plant, how many liters of water that plant needs in a day etc

8.	Sensors	To show various data from different sensors like temperature, humidity, soil moisture
9.	Database Management	To show various agriculture-related data are stored
10.	Data analysis	Analysing of data and processing the data to the particular agriculture area
11.	Control remote device	Using the data analysed the device in remote region is controlled either automatically or by the user
10.	Exit	After the user checked the information, the user can exit the application