Project Design Phase-II
Functional Requirements

Date	October 2022
Team ID	PNT2022TMID32243
Project Name	Smart Farmer - IoT Enabled Smart Farming Application
Maximum Marks	4 Marks

FR NO	FUNCTIONAL REQUIREMENTS	SUB REQUIREMENTS
FR-1	Check the rainfall level	View rainfall percentage compared to corresponding week of last year View the percentage of rainfall in the selected week to the long term average
FR-2	Area Progress Report	View the Sown Area Progress Report View the water availability Report View the Reservoir Capacity Report
FR-3	Fodder and Cattle	Fodder and Cattle Report on Damage of Fodder & Cattle due to Drought
FR-4	Farmer employability	Manage the information of number of farmers & area where crop loss is >50%.
FR-5	Drought level	Manage the Drought Declaration Certificate Report on Damage of Agriculture due to Drought
FR-6	Pest report	Check the pests occurs in our plant that causes a damage And reduce the level of pests using pesticides
FR-7	Grievance	Monitor Grievance Check Grievance Status Resolve Grievance report grievance
FR-8	Capacity report	Manage the Information of Reservoir Capacity and their details for moisturizing