Project Design Phase-II
Data Flow Diagram & User Stories

Date	17 October 2022
Team ID	PNT2022TMID10661
Project Name	Exploratory Analysis Of Rainfall Data In India For Agriculture
Maximum Marks	4 Marks

1) User enters the region into the web application to predict the rainfall rate

2) The input data is sent to the cloud

3) The Machine learning model deployed in the cloud predicts the rainfall

4) And finally the predicted rainfall rate in mm and crops are suggested as output.

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (web user)	Check Weather	USN-1	As a customer, I can check the rainfall by giving the region as input.	I can view the predicted rainfall status by entering information	High	Sprint-2
	Suggested Crop	USN-2	As a customer, With the predicted rainfall I can view the suggested crops for higher productivity	I can view the suggested crops with the predicted rainfall	High	Sprint-2

FARMER   USER

(1)

APP
Application

CLOUD

(2)

(4)

IBM Cloud

(3)

IBM Cloud

ML model