Project Design Phase-II
Data Flow Diagram & User Stories

Date	13 October 2022
Team ID	PNT2022TMID47681
Project Name	Project – Exploratory Analysis Of Rainfall Data In India For Agriculture
Maximum Marks	4 Marks

Data Flow Diagrams: A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
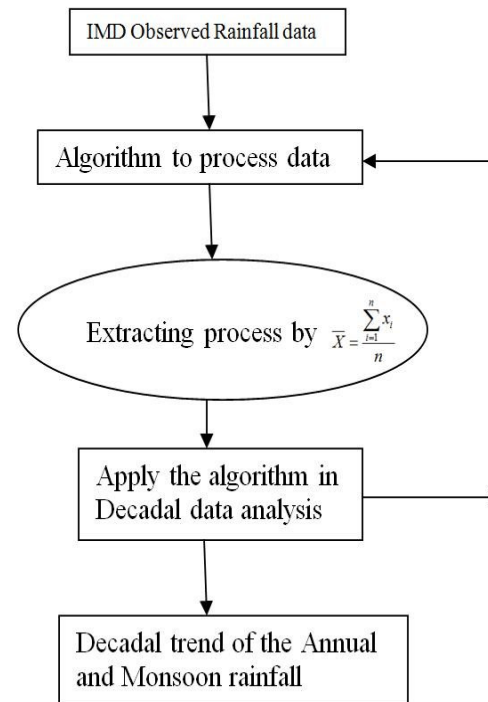
IMD Observed Rainfall data

Algorithm to process data

Extracting process by $\overline{X} = \dfrac{\sum\limits_{i=1}^{n} x_i}{n}$

Apply the algorithm in Decadal data analysis

Decadal trend of the Annual and Monsoon rainfall

Fig: Data flow diagram to Compute the rainfall data in decadal basis over India

1.First Data's are collected

2.Using algorithms to process the data

3.Extract the process using some formulas

4.Apply that algorithms in decade basis data analysis

5.Finally decadal trend of the annual rainfall

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by Filling the form	I can receive confirmation via OTP	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1