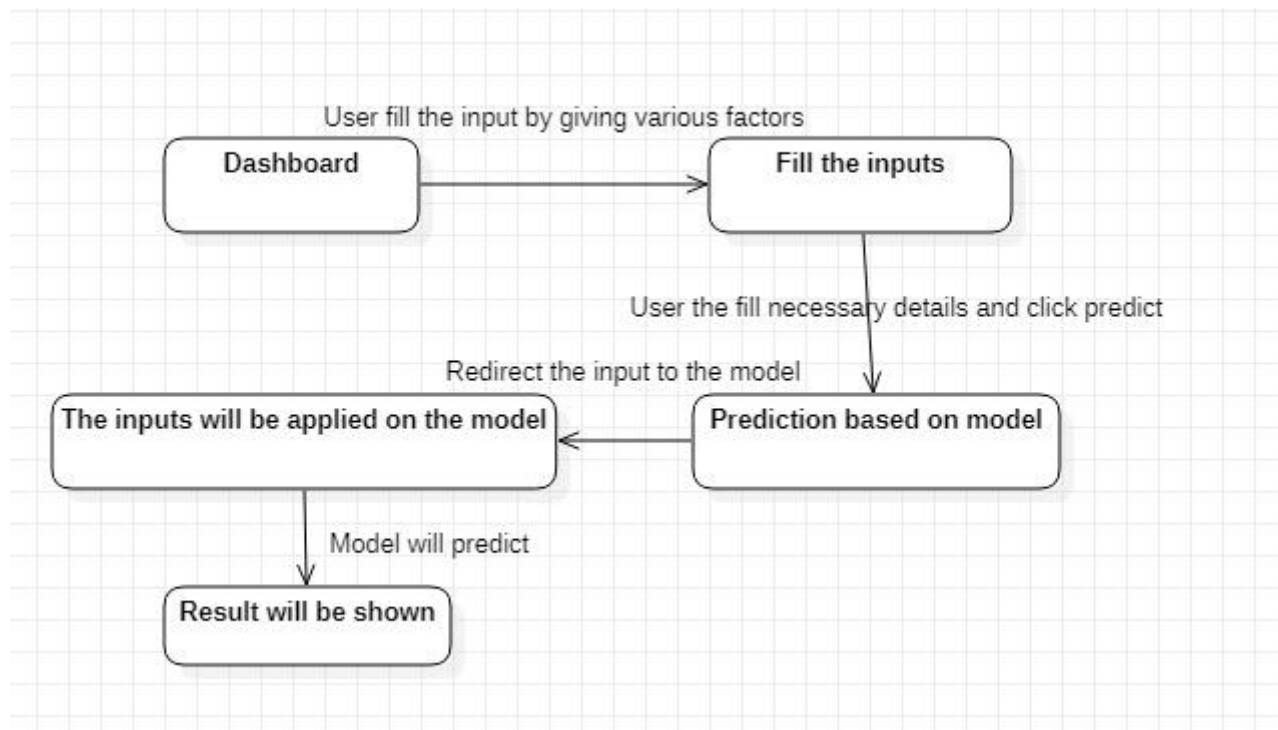


## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID32615
Project Name	Exploratory Analysis of Rainfall Data in India for Agriculture
Maximum Marks	4 Marks

#### DATA FLOW DIAGRAM:



## User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Dashboard	Dashboard	USN-1	User gives inputs such as temperature, humidity, sunshine. etc where these are dependent factors which predict whether there is rainfall tomorrow or not.	Based on these factors prediction is done.	Medium	Sprint-1
		USN-2	Based on the region and rainfall which is recorded the data will be predicted.	Searching all the region in India.	High	Sprint-1
		USN-3	User can view the visualization of the rainfall data for a specific region in India or for a specific time period like day, week, month, year.		Medium	Sprint-1
Prediction	Prediction	USN-1	The prediction or analysis request can be asked for the desired region for future or past events respectively.	Analysis is done by doing lot of preprocessing techniques and by applying ML algorithms.	High	Sprint-2
Feedback	Feedback & Support	USN-1	User can give feedback through chat or any form of messages.		Medium	Sprint-3
		USN-2	User can post questions, queries .		High	Sprint-3