Project Planning Phase
Project Planning (Product Back log , Sprint Planning , Stories , Story points)

Date	18October2022
TeamID	PNT2022TMID40831
ProjectName	Project – EXPLORATORY ANALYSIS OFRAINFALL DATA IN INDIA FORAGRICULTURE.

Product Backlog , Sprint Schedule , and Estimation(4Marks)

To create product backlog and sprint schedule

Sprint	FunctionalRequirement (Epic)	User StoryNumber	UserStory/Task	Story Points	Priority	TeamMembers
Sprint-3	RainfallPrediction	USN-8	Userenterthelocation,temperature,humidity	10	High	Archana M
Sprint-3		USN-9	Predicttherainfallanddisplay theresult	10	High	Archana M

Project Tracker, Velocity & Burn down Chart:(4Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-3	20	5Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022

Velocity:

Imagine we have a 5-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV)

per iteration unit (story points per day)

$$AV = \text{Sprint duration} / \text{Velocity} = 20/5$$

$$= 4 \, Total Average Velocity = 4$$

BurndownChart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies suchasScrum.However,burndowncharts canbe appliedtoany projectcontainingmeasurable progressovertime.

Tool:JiraSoftware

		OCT							NOV								NOV							NOV						
	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

Gantt chart rows:
- DS-1 Weather Dataset Collection, Data pre-process...
- DS-2 Train Model using Different machine learning...
- DS-3 Test the model and give best
- DS-4 As a user, they can register for the application...
- DS-5 As a user, they can log into the application by...
- DS-6 Credentials should be used for multiple syste...
- DS-7 Attractive dashboard forecasting live weather
- DS-8 User enter the location, temperature, humidity
- DS-9 Predict the rainfall and display the result
- DS-10 Test the application
- DS-11 Deploy the model in IBM cloud to make user...