ProjectPlanningPhase
ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	18October2022
TeamID	PNT2022TMID08185
ProjectName	Project – EXPLORATORY ANALYSIS OF RAINFALL DATA IN INDIA FOR AGRICULTURE.
MaximumMarks	8Marks

ProductBacklog,SprintSchedule,andEstimation(4Marks)

Usethebelowtemplatetocreate productbacklogandsprintschedule

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

ProjectTracker,Velocity&BurndownChart:(4Marks)

Sprint	Total StoryPoints	Duration	Sprint Start Date	Sprint End Date(Planned)	StoryPoints Completed (as OnPlannedEndDate)	Sprint Release Date(Actual)
Sprint-3	20	6Days	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) periterationunit(story points perday)

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

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

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 suchas Scrum.However,burndowncharts canbe appliedtoany project containing measurable progress overtime.

Tool : Jira Software

	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

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...