ProjectPlanningPhase
ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	18October2022
TeamID	PNT2022TMID40831
ProjectName	Project – EXPLORATORY ANALYSIS OFRAINFALL DATA IN INDIA FORAGRICULTURE.
MaximumMarks	8Marks

ProductBacklog,SprintSchedule,andEstimation(4Marks)

Usethebelowtemplatetocreate productbacklogandsprintschedule

Sprint	FunctionalRequirement (Epic)	User StoryNumber	UserStory/Task	Story Points	Priority	TeamMembers
Sprint-1	Rainfall PredictionMLModel (Dataset)	USN-1	Weather Dataset Collection, Data pre-processing,DataVisualization.	5	High	Meena.A
Sprint-1		USN-2	Train Model using Different machine learningAlgorithms	5	High	Meena.A
Sprint-1		USN-3	Test themodelandgivebest	10	High	Meena.A

ProjectTracker,Velocity&BurndownChart:(4Marks)

Sprint	Total StoryPoints	Duration	Sprint Start Date	Sprint End Date(Planned)	StoryPoints Completed (as onPlannedEndDate)	Sprint Release Date(Actual)
Sprint-1	20	6Days	24Oct2022	29Oct2022	20	29Oct2022

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)

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

$$=4 TotalAverageVelocity=4$$

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