ProjectPlanningPhase

Date	01 November 2022
TeamID	PNT2022TMID26773
ProjectName	Project – Fertilizer recommendation system fordiseaseprediction

ProductBacklog,SprintSchedule,andEstimation(4Marks)

Sprint	FunctionalRequirement(Epic)	UserStory Number	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-1	Registration	USN-1	Collectingplantdiseasedataset	2	High	Nandhini R
Sprint-1		USN-2	Labellingthedatasetaccordingtoclass	1	High	Sowmiya G
Sprint-2	Testingtrainingandcreatinga model	USN-3	Startinitiatingthemodel	2	Low	Senthilkumar M
Sprint-1		USN-4	Adding different layers of CNN(convolution,poolingdense,flatten)	2	Medium	Velu N
Sprint-1		USN-5	Trainingthedata	1	High	Sowmiya G, Nandhini R
Sprint-3			Testingthedata	1	Medium	Senthilkumar M, Velu N
Sprint-3	Flaskandframeworkdesign		Creatingbackendframeworkwithflask	2	High	Nandhini R, Sowmiya G, Senthilkumar M, Velu N
Sprint-4			Predictingdiseaseandrecommendfertilizer	2	High	Nandhini R, Sowmiya G, Senthilkumar M, Velu N

ProjectTracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total StoryPoints	Duration	SprintStartDate	SprintEndDate(Planned)	StoryPoints Completed (as onPlannedEndDate)	SprintReleaseDate(Actual)
Sprint-1	20	6Days	24Oct2022	29Oct2022		
Sprint-2	20	6Days	31Oct2022	05Nov2022		
Sprint-3	20	6Days	07Nov2022	12Nov2022		
Sprint-4	20	6Days	14Nov2022	19Nov2022		

Velocity:

Imaginewehavea10-daysprint duration,andthevelocity oftheteamis20(pointspersprint).
Let'scalculatetheteam'saveragevelocity(AV)periterationunit(storypointsperday)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$