PROJECTPLANNINGPHASE

ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,StoryPoints)

Date	26October2022
TeamID	PNT2022TMID13627
ProjectName	SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES USING IOT
MaximumMarks	8Marks

ProductBacklog,SprintSchedule,andEstimation(4Marks)

Usethebelowtemplatetocreateproductbacklog andsprintschedule

Sprint	Functional Requirement(Epic)	User StoryNumber	UserStory/Task	Story Points	Priority	TeamMembers
Sprint-1	Login	USN-1	As a Administrator,I need to give useridandpasscodeforeverworkers over there inmunicipality.	10	High	SooriyaE
Sprint-1	Login	USN-2	AsaCo-Admin,I'llcontrolthewaste level bymonitoring themvai real time webportal. Once thefilling happens, I'llnotifytrashtruck with location of binwithbinID.	10	High	SudharsanM
Sprint-2	Dashboard	USN-3	As a Truck Driver,I'll follow Co-Admin'sInstructiontoreachthefillingbinin shortrootsandsavetime.	20	Low	SubikshanS

Sprint-3	Dashboard	USN-4	AsaLocalGarbage Collector,I'llgatherallthe waste from thegarbage,loadit	20	Medium	SathishKumarM

			onto a garbagetruck,and deliverit toLandfills.			

Project Tracker,Velocity&Burndown Chart:(4Marks)

Sprint	Total StoryPoints	Duration	Sprint StartDate	Sprint EndDate(Planned)	Story PointsCompleted(ason PlannedEndDate)	SprintRelease Date(Actual)
Sprint-1	20	6Days	24Oct2022	29Oct2022	20	29Oct2022
Sprint-2	20	6Days	31Oct2022	05 Nov2022	20	05Nov2022
Sprint-3	20	6Days	07 Nov2022	12 Nov2022	20	12Nov2022
Sprint-4	20	6Days	14 Nov2022	19 Nov2022	20	19Nov2022

Velocity:Imaginewehavea10-daysprintduration,andthevelocityof theteamis20(pointspersprint).Let'scalculatetheteam'saveragevelocity(AV)periterationunit(storypointsperday)

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