Project Planning Phase

Date	1 November 2022
TeamID	PNT2022TMID20668
ProjectName	Smart waste management system
MaximumMarks	8Marks

Product Backlog, Sprint Schedule and Estimation(4Marks)

Use the below template to create product back log and sprint schedule

Sprint	FunctionalRequirement(Epic)	UserStory Number	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-1	Login	USN-1	As a Administrator, I need to give userid and password for ever workers over there in municipality	10	High	Naveen kumar
Sprint-1	Login	USN-2	As a Co-Admin, I'll control the waste level by monitoring them via realtime webportal. Once the filling happens, I'll notify trash truck with location of bin with binID	10	High	Mukesh kumar
Sprint-2	Dashboard	USN-3	As a Truck Driver, I'll follow Co-Admin's Instruction to reach the filling bin in short roots and savetime	20	Low	Gnana Sekar
Sprint-3	Dashboard	USN-4	Asa LocalGarbageCollector, I'IIgather all the waste from the garbage, load it onto a garbage truck,and deliver it to Landfills	20	Medium	Praveen Raj

Project Tracker,Velocity&BurndownChart:(4Marks)

Sprint	TotalStory Points	Duration	SprintStartDate	SprintEndDate (Planned)	StoryPoints Completed (as onPlannedEndDate)	SprintReleaseDate(Actual)
Sprint-1	20	6Days	1Nov2022	5Oct2022	20	5Oct2022
Sprint-2	20	6Days	6Oct2022	10Nov2022	20	10Nov2022
Sprint-3	20	6Days	11Nov2022	15Nov2022	20	15Nov2022
Sprint-4	20	6Days	16Nov 2022	19Nov2022	20	19Nov2022

Velocity:
Imagine we have a 20-daysprint duration and the velocity of the team is 20 (pointspersprint). Let's calculate the team's averagevelocity(AV) and periterationunit(storypointsperday)

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