Project Planning Phase
Project Planning Template(Product Backlog,Sprint Planning,Stories,Story points)

Date	28.10.2022
Team ID	PNT2022TMID40955
Project Name	Smart Waste Management System for Metropolitan Cities
Maximum Marks	8 Marks

Product Backlog,Sprint Schedule and Estimation(4Marks)

Use the below template to create product backlog and bsprint schedule.

Sprint	Functional Requirement(Epic)	UserStory Number	UserStory/Task	StoryPoints	Priority	Team Members
Sprint-1	Login	USN-1	As a Administrator, I need to give userid and passcode for ever workers over there in municipality	10	High	Gogul
Sprint-1	Login	USN-2	As a Co-Admin, I'll control the waste level by monitoring them vai realtime web portal. Once the filling happens, I'll notify trash truck with location of bin with bin ID	10	High	Sathish
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 save time	20	Low	ShreeVikash
Sprint-3	Dashboard	USN-4	As a Local Garbage Collector, I'll gather all the waste from the garbage, load it onto a garbage truck, and deliver it to Landfills	20	Medium	Sreejith
Sprint-4	Dashboard	USN-5	As a Municipality officer, I'll make sure everything is proceeding as planned and without any problems	20	High	Naveen

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

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

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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