

PROJECT PLANNING PHASE

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story Points)

<i>Date</i>	26 October 2022
<i>Team ID</i>	PNT2022TMID13627
<i>Project Name</i>	SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES USING IOT
<i>Maximum Marks</i>	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks) Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story/Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-1	As a Administrator, I need to give user id and password for ever workers over there in municipality.	10	High	Saravanasudhan.S
Sprint-1	Login	USN-2	As a Co-Admin, I'll control the waste level by monitoring the real time web portal. Once the filling happens, I'll notify the truck with location of bin with bin ID.	10	High	Naveen.S
Sprint-2	Dashboard	USN-3	As a Truck Driver, I'll follow Co-Admin's instruction to reach the filling bin in short time and save time.	20	Low	Tamil inian.R

<i>Sprint-3</i>	<i>Dashboard</i>	<i>USN-4</i>	<i>AsaLocalGarbage Collector,I'llgath erallthe waste fromthegarbage,lo adit</i>	<i>20</i>	<i>Medium</i>	<i>Mohamed Umar.N</i>
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ProjectTracker, Velocity&Burndown Chart:(4Marks)

Sprint	TotalStory Points	Duration	SprintStartDa te	SprintEndDat e(Planned)	StoryPoint sComplete d(ason PlannedE ndDate)	Sprint Releas eDate(Actual)
<i>Sprint-1</i>	20	6Days	24Oct2022	29Oct2022	20	29Oct2022
<i>Sprint-2</i>	20	6Days	31Oct2022	05Nov2022	20	05Nov2022
<i>Sprint-3</i>	20	6Days	07Nov2022	12Nov2022	20	12Nov2022
<i>Sprint-4</i>	20	6Days	14Nov2022	19Nov2022	20	19Nov2022

**Velocity:Imaginewehavea10-
daysprintduration,andthevelocityoftheteam is20(pointspersprint).Let’scalculatetheteam’saveragevel
ocity(AV)periterationunit(storypointsperday)**

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