

PROJECT PLANNING PHASE

Date	23 October 2022
Team Id	PNT2022TMID04344
Project Name	Smart Waste Management System For Metropolitan Cities
Maximum Marks	8 Marks

PRODUCT BACKLOG, SPRINT SCHEDULE, ESTIMATION (4 marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login / Sign Up	USN - 1	User can signup using their email and password and confirm the details.	10	High	GOGHUL S
Sprint-1		USN - 2	A confirmation mail is sent to the user.	10	High	
Sprint-2	Login	USN - 3	User can login using login credentials and is authenticated.	20	Medium	GANESHKUMAR S
Sprint-3	Dashboard Area	USN - 4	User can view the previous login activities of the account and updates.	10	Medium	DHARANEESH KT
Sprint-4	Search Location	USN - 5	User can search for the bins available around the location.	10	Low	HARISHRAAJ S
Sprint-4	Issues / Results	USN - 6	User can post their grievances related to the bins and gets the results of bin status around the location from IBM Cloud.	10	High	DHANUSH P

PROJECT TRACKER, VELOCITY & BURNDOWN CHART: (4 marks)

SPRINT	Total story points	Duration	Sprint start date	Sprint end date	Story points completed	Sprint release date
SPRINT-1	20	4 days	26 Oct 2022	30 Oct 2022	20	30 Oct 2022
SPRINT-2	20	4 days	1 Nov 2022	05 Nov 2022	20	05 Nov2022
SPRINT-3	20	4 days	07 Nov 2022	11 Nov 2022	20	11 Nov2022
SPRINT-4	20	4 days	14 Nov 2022	17 Nov 2022	20	17 Nov2022

VELOCITY :

$$AV = \frac{\text{SPRINT DURATION}}{\text{VELOCITY}} = 20 / 10 = 2$$