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

Date	04-11-2022
Team ID	PNT2022TMID34892
Project name	Smart Waste Management System For Metropolitan Cities

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story points	Priority	Team Members
Sprint 1	Register	USN-1	The user should register for the application through email.	10	High	Aashna Sakthiya Sree
Sprint 1		USN-2	The user should complete the supplemented applications requirements.	10	High	Aashna Sakthiya Sree
Sprint 2	Verify/ Login	USN-3	A confirmation mail is received after registering for the application.	10	High	Aashna Sakthiya Sree
Sprint 2		USN-4	Security features using cookies to store information.	10	High	Aashna Sakthiya Sree
Sprint 3	Monitoring	USN-5	The level of the trash bin is monitored using the ultrasonic sensors.	15	High	Anjali Veni Kohila
Sprint 4	Alerting	USN-6	When the bin is about to fill , alert will be given to the authorities concerned.	05	High	Anjali Veni Kohila

			The alert can be given in the form of buzzers.			
Sprint 3	Sending Information	USN-7	The alert would be used to send informations about the level of bin.	05	High	Anjali Veni Kohila
Sprint 3		USN-8	The bins are made to be cleared by the concerned authorities by giving orders to the sanitary workers.	15	High	Anjali Veni Kohila

Project Tracker, Velocity & Burndown Chart:

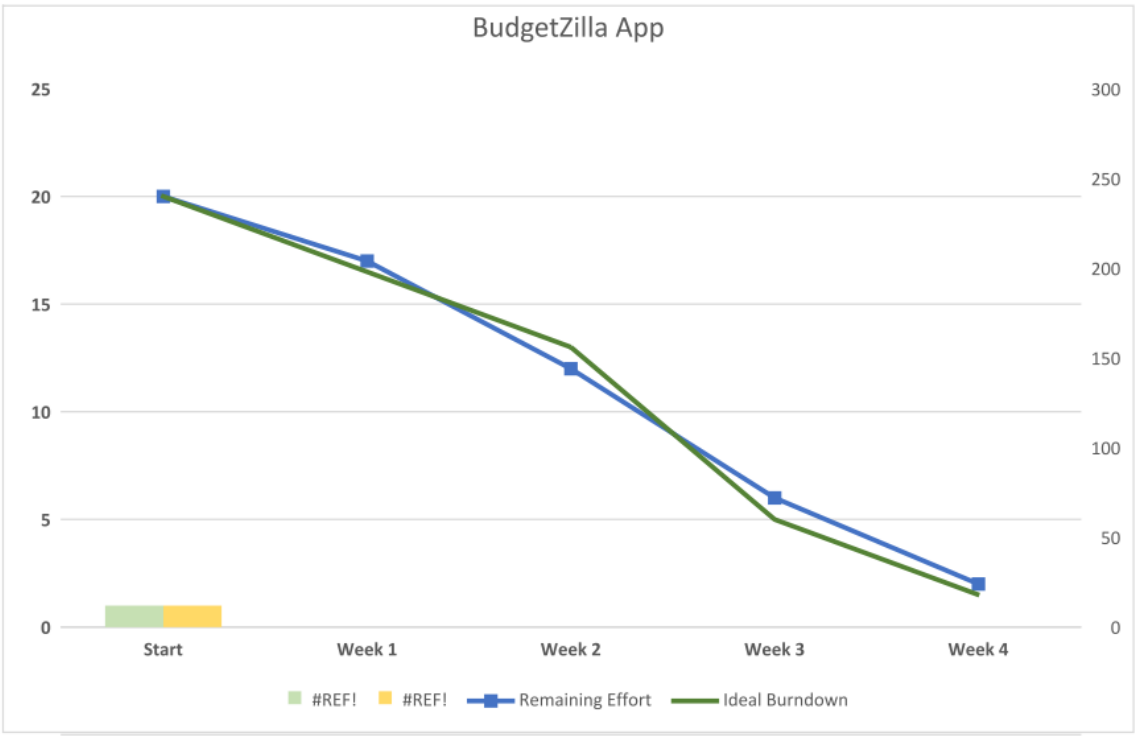
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint 1	20	8 days	27-10-2022	3-11-2022	20	3-11-2022
Sprint 2	20	8 days	5-11-2022	12-11-2022	20	12-11-2022
Sprint 3	20	8 days	14-11-2022	21-11-2022	20	21-11-2022
Sprint 4	20	8 days	23-11-2022	30-11-2022	20	30-11-2022

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).

$$\mathbf{AV = Velocity / Sprint\ Duration}$$
$$\mathbf{= 20 / 8}$$
$$\mathbf{= 2.5}$$

Burndown Chart :


BudgetZilla App
25
20
15
10
5
0
300
250
200
150
100
50
0
Start
Week 1
Week 2
Week 3
Week 4
#REF!
#REF!
Remaining Effort
Ideal Burndown