Project Planning Phase

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

Date Team ID

Project Name Maximum Marks

18 October 2022 PNT2022TMID31031

Smart waste management system 8 Marks

# Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

## Sprint

Sprint-1

Sprint-1

Sprint-2

Sprint-3

Sprint-4

## Functional Requirement (Epic) Login

Login

Dashboard

Dashboard

Dashboard

**User Story Number** USN-1

USN-2

USN-3

USN-4

USN-5

## User Story / Task

As a Administrator, I need to give user id and passcode for ever workers over there in municipality

As a Co-Admin, I’ll control the waste level by monitoring them via real time web portal. Oncethe filling happens, I’ll notify trash truck with location of bin with bin ID

As a Truck Driver, I’ll follow Co-Admin’s Instruction to reach the filling bin in short roots and save time

As a Local Garbage Collector, I’II gather all the waste from the garbage, load it onto a garbage truck, and deliver it to Landfills

As a Municipality officer, I'll make sure everything is proceeding as planned and without any problems

## Story Points

10

10

20

20

20

## Priority

High

High

Low

Medium

High

**Team Members** Tharani

Pavithra

Sowmiya

Priyadharshini

Tharani

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

**Sprint**

**Total Story Points**

**Duration**

**Sprint Start Date**

**Sprint End Date (Planned)**

**Story Points Completed (as on Planned End Date)** 20

20

20

20

**Sprint Release Date (Actual)**

Sprint-1 Sprint-2 Sprint-3

Sprint-4

20

20

20

20

6 Days

6 Days

6 Days

6 Days

24 Oct 2022

31 Oct 2022

07 Nov 2022

14 Nov 2022

29 Oct 2022

05 Nov 2022

12 Nov 2022

19 Nov 2022

29 Oct 2022

05 Nov 2022

12 Nov 2022

19 Nov 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)

