ProjectPlanningPhase

**ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)**

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID41935 |
| Project Name | Smart Waste Management System |
| Maximum Marks | 8 Marks |

# ProductBacklog,SprintSchedule,andEstimation(4Marks)

Use the below template to create product back log and sprint schedule

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| --- | --- | --- | --- | --- | --- | --- |
| **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 pass code forever workers over there inmunicipality | 10 | High | Barath S |
| Sprint-1 | Login | USN-2 | As a Co-Admin, I’ll control the waste level by monitoring the MVAIC real time web portal. Once the filling happens, I’ll notify trash truck with location of bin with bin ID. | 10 | High | Arun M |
| Sprint-2 | Dashboard | USN-3 | As a truck driver, I’ll follow Co-Admin’ s  Instruction to reach the filling bin in short routes and save time. | 20 | Low | Ilayaraja P |
| Sprint-3 | Dashboard | USN-4 | As a Local Garbage Collector, I’II gather all the waste from the garbage, load it on to a garbage truck, and deliver it to landfills. | 20 | Medium | RaviKumar B Arun M |
| Sprint-4 | Dashboard | USN-5 | As a Municipality officer, I'll make sure everything is proceeding as planned and without any problems. | 20 | High | Barath S  Ilayaraja P  Arun M  Ravi Kumar B |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **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 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint- 2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint- 3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint- 4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |
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**Velocity:**

Imagine we havea10-day sprint duration, and the velocity of the team I is 20 (points per sprint). Let’ s calculate the team’ s average velocity(AV) per iteration unit (story points per day).

