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

| | |
|---|---|
| Date | 28 October 2022 |
| Team ID | PNT2022TMID13739 |
| Project Name | Inventory Management System for Retailers |
| Maximum Marks | 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 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 12 | High | Surya, Naveenraja, Vigneshwaran ,Pradeepan |
| Sprint-1 | | USN-2 | As a user, I can register for the application through E-mail | 4 | Medium | Surya, Naveenraja, Vigneshwaran ,Pradeepan |
| Sprint-1 | Confirmation | USN-3 | As a user, I will receive confirmation email once I have registered for the Application | 2 | Medium | Surya, Naveenraja, Vigneshwaran ,Pradeepan |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-1 | Login | USN-4 | As a user, I can log into the application by entering email & password | 2 | High | Surya, Naveenraja, Vigneshwaran ,Pradeepan |
| Sprint-2 | Dashboard | USN-5 | As a user, I can view the products which are available | 10 | High | Surya, Naveenraja, Vigneshwaran ,Pradeepan |
| Sprint-2 | Add items to cart | USN-6 | As a user, I can add the products I wish to buy to the carts. | 10 | Medium | Surya, Naveenraja, Vigneshwaran Pradeepan |
| Sprint-3 | Stock Update | USN-7 | As a user, I can add products which are not available in the dashboard to the stock list. | 20 | Medium | Surya, Naveenraja, Vigneshwaran ,Pradeepan |
| Sprint-4 | Request to Customer Care and email alert | USN-8 | As a user, I can contact the Customer Care Executive and request any services I want from the customer care. | 10 | Low | Surya, Naveenraja, Vigneshwaran ,Pradeepan |
| Sprint-4 | Contact Administrator | USN-9 | I can be able to report any difficulties I experience as a report | 10 | Medium | Surya, Naveenraja, Vigneshwaran ,Pradeepan |

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

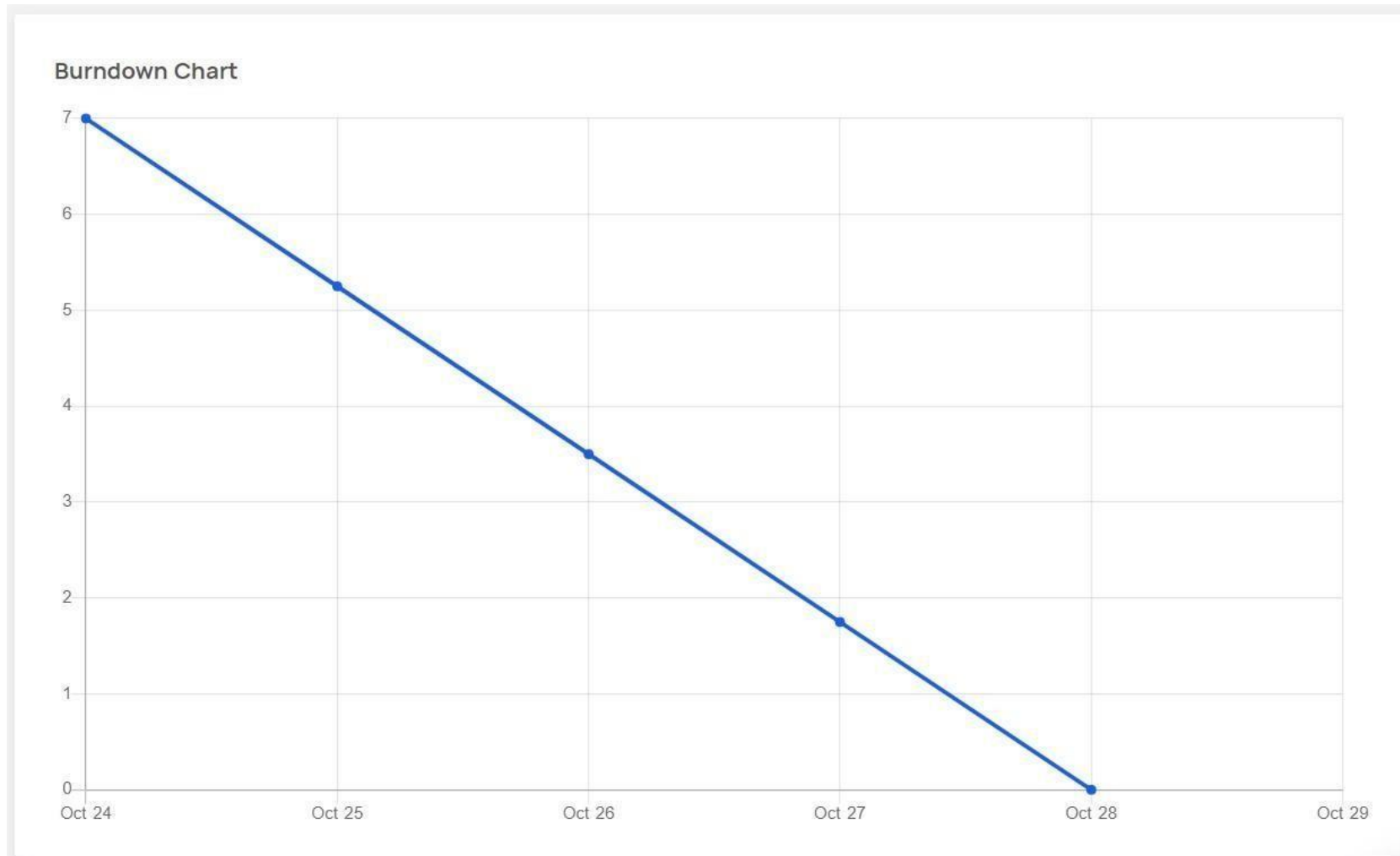| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|---|---|---|---|---|---|---|
| Sprint-1 | 20 | 6 Days | 27 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 01 Nov 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 |

VELOCITY:

Sprint 1(AV) =3.34

Sprint 2(AV) =3.34

Sprint 3(AV) =3.34
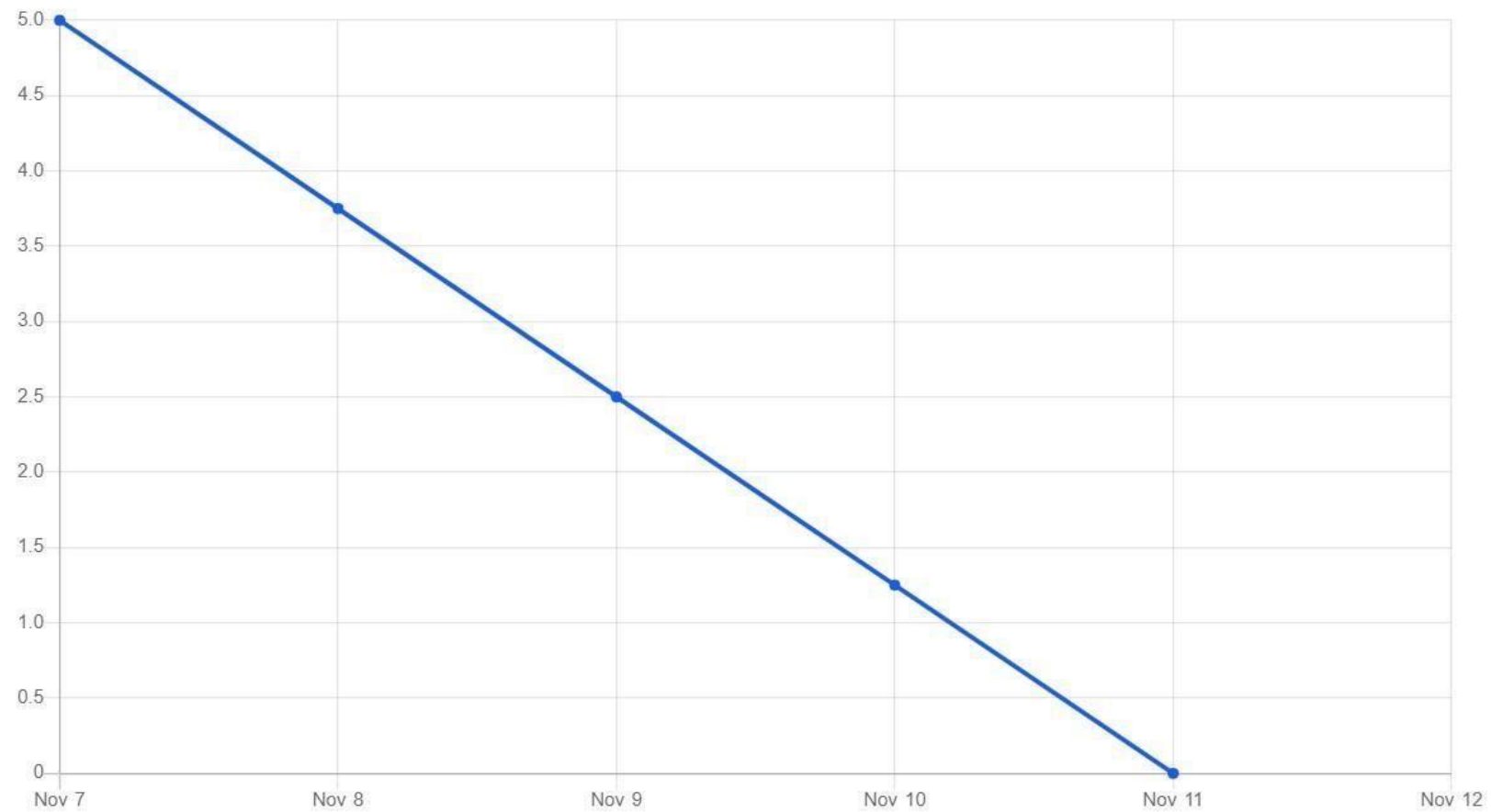
Sprint 4(AV) =3.34

**Burndown Chart:**



Burndown Chart

**Sprint - 1**

**Burndown Chart**

**Sprint – 2**

## Burndown Chart



**Sprint - 3**

**Burndown Chart**

**Sprint – 4**