Project Planning Phase

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

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| --- | --- |
| Date | 29 October 2022 |
| Team ID | PNT2022TMID17615 |
| 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 | Balaji, Aabavanan, Aravinth,  Sakthivelan |
| Sprint-1 |  | USN-2 | As a user, I can register for the application through E-mail | 4 | Medium | Balaji, Aabavanan, Aravinth,  Sakthivelan |
| Sprint-1 | Confirmation | USN-3 | As a user, I will receive confirmation email once I have registered for the Application | 2 | Medium | Balaji,  Aabavanan, Aravinth,  Sakthivelan |

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| **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 | Balaji, Aabavanan, Aravinth,  Sakthivelan |
| Sprint-2 | Dashboard | USN-5 | As a user, I can view the products which are available | 10 | High | Balaji, Aabavanan, Aravinth,  Sakthivelan |
| 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 | Balaji, Aabavanan, Aravinth,  Sakthivelan |
| 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 | Balaji, Aabavanan, Aravinth,  Sakthivelan |
| 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 | Balaji, Aabavanan, Aravinth,  Sakthivelan |
| Sprint-4 | Contact Administrator | USN-9 | I can be able to report any difficulties I experience as a report | 10 | Medium | Balaji, Aabavanan, Aravinth,  Sakthivelan |

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:

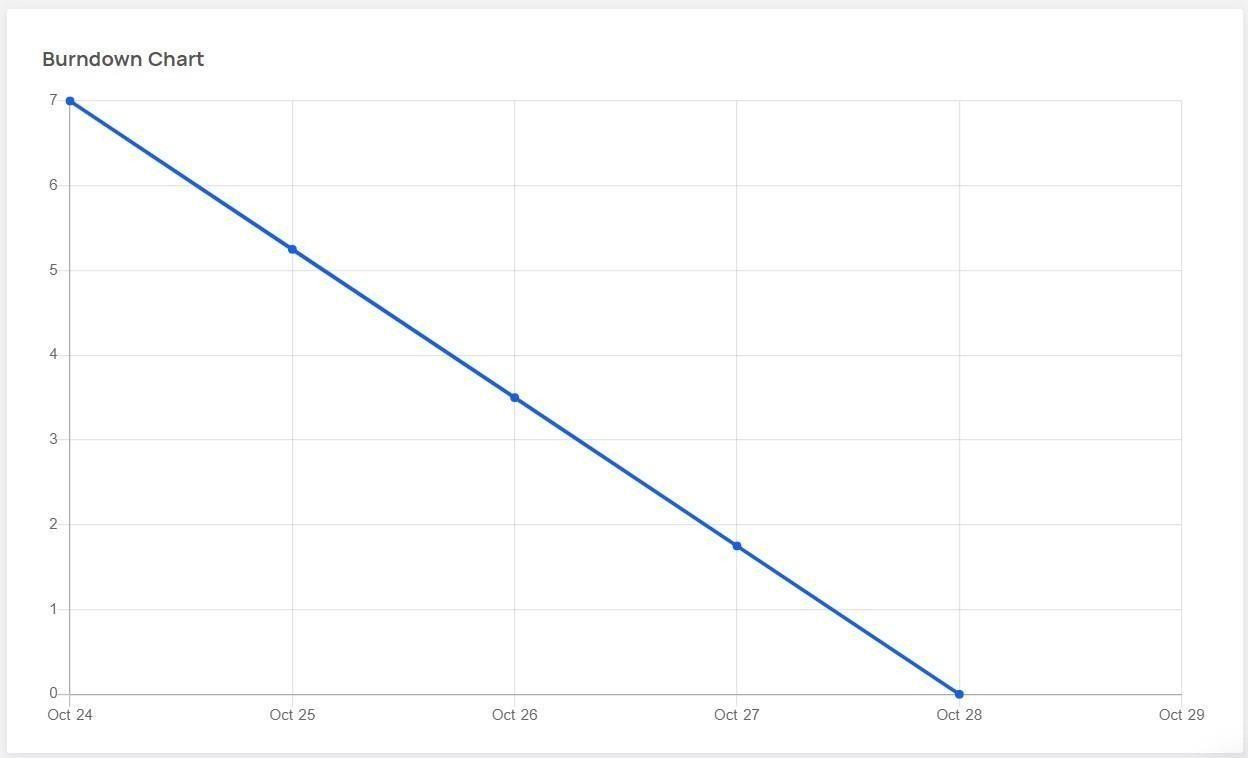
Sprint 1(AV) =3.34

Sprint 2(AV) =3.34

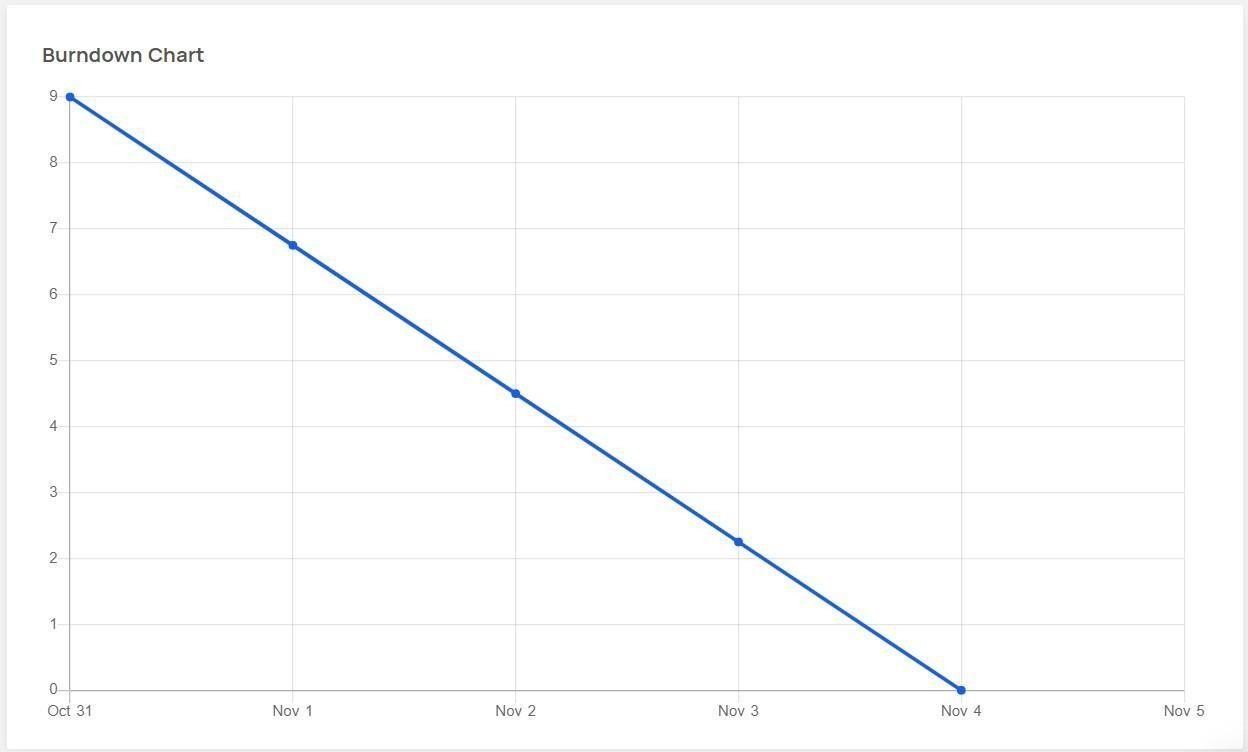
Sprint 3(AV) =3.34

Sprint 4(AV) =3.34

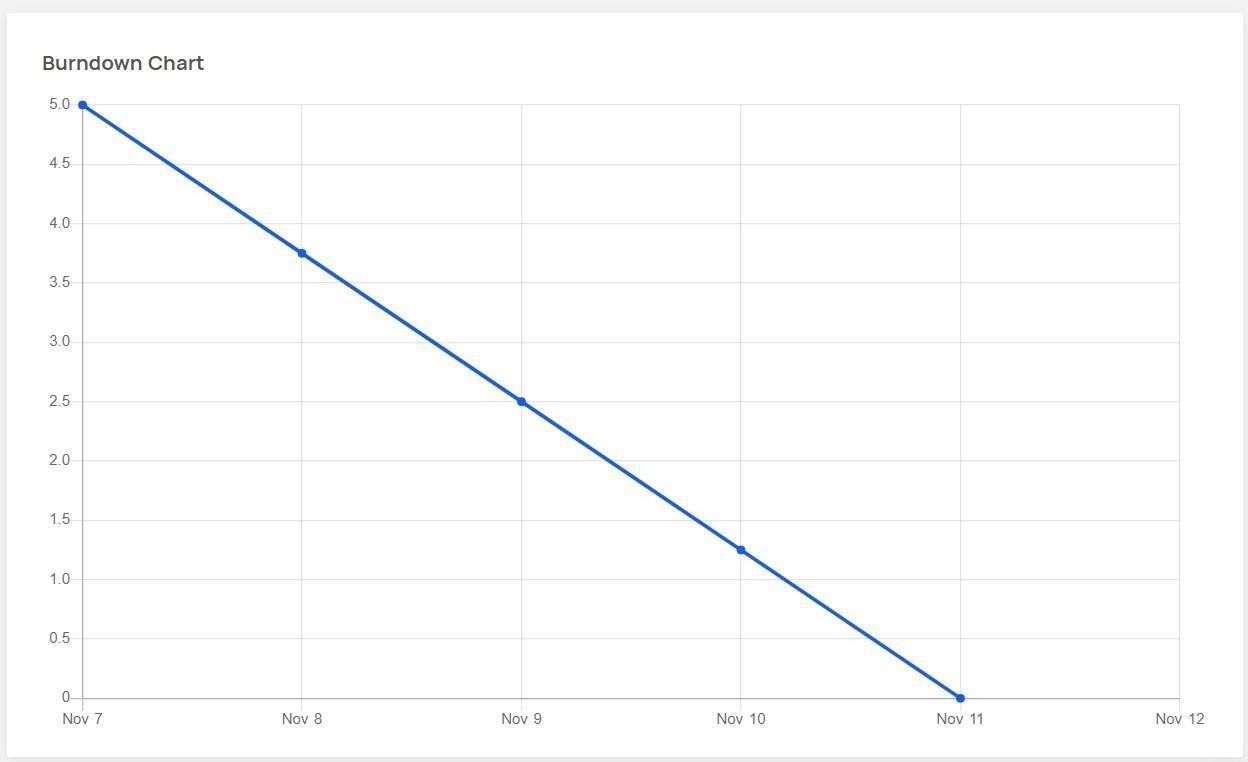
Burndown Chart:



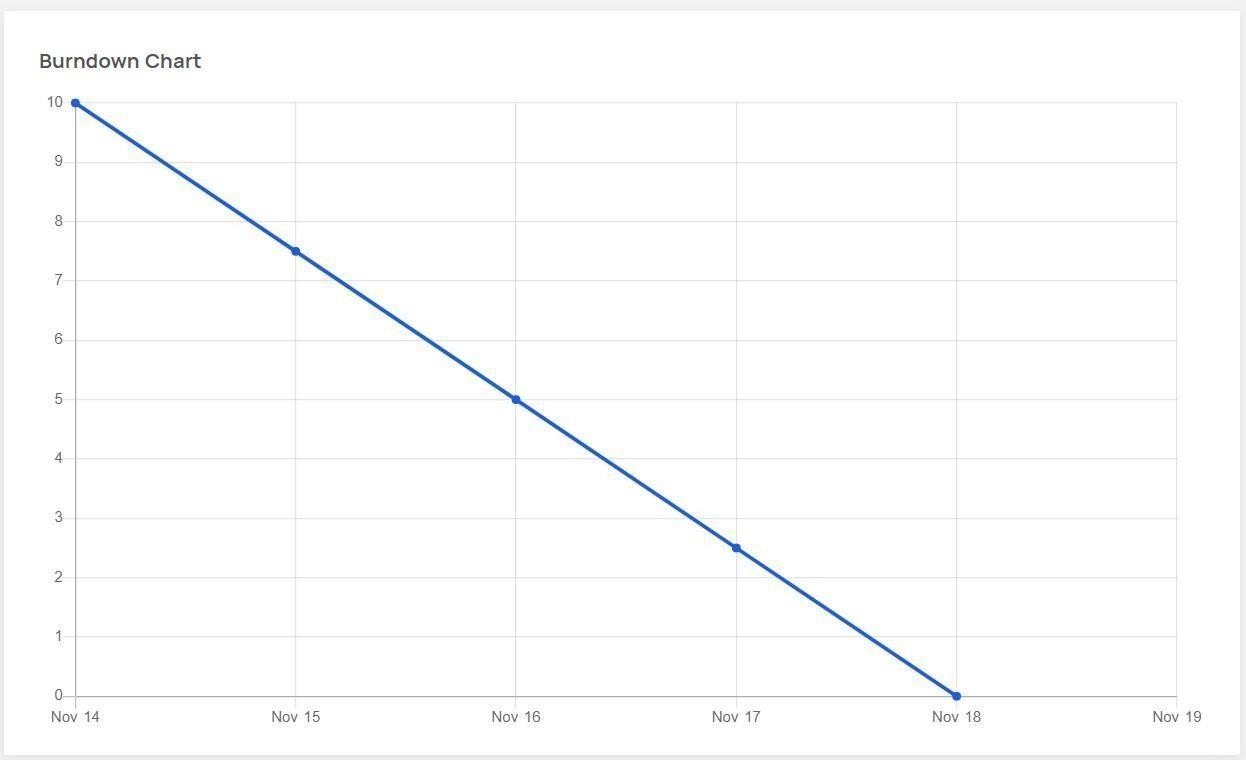
Sprint - 1



Sprint – 2



Sprint - 3



Sprint – 4