**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 29th October 2022 |
| Team ID | PNT2022TMID32730 |
| Project Name | Inventory Management System for  Retailers |

**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. | 2 | high | S. Gayathri  P. Jaya surya  A. Crispin ursula catherine  D.Hariprasath |
| Sprint-1 | Registration | USN-2 | As a user, I can register for the  application through E-mail | 1 | Medium | S.Gayathri  P.Jayasurya |
| Sprint-1 | Confirmation | USN-3 | As a user, I will receive confirmation  email once I have registered for the  application | 2 | Medium | D.Hariprasath  A.Crispin Ursula Catherine |
| Sprint-1 | Login | USN-4 | As a user, I can log into the application by entering email &  password | 2 | High | P.Jaya surya  D.Hari prasath |
| Sprint-2 | Dashboard | USN-5 | As a user, I can view the products  which are available | 4 | High | A.Crispin Ursula Catherine  S. Gayathri |
| Sprint-2 | Add items to cart USN-6 | USN-6 | As a user, I can add the products I  wish to buy to the carts. | 5 | Medium | S.Gayathri  P.Jayasurya |
| Sprint-3 | Stock Update | USN-7 | As a user, I can add products which are not available in the dashboard to  the stock list. | 5 | Medium | D.Hariprasath  P.Jayasurya  A.Crispin Ursula Catherine |
| Sprint-4 | Request to  Customer  care | USN-8 | As a user, I can contact the  Customer Care Executive and request any services I want from the customer care. | 5 | Low | S.Gayathri  D.hariprasath  A.Crispin Ursula Catherine |

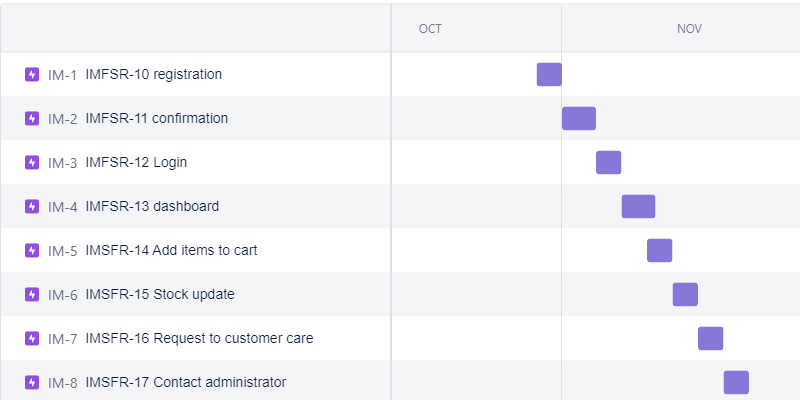
**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story**  **Points** | **Duration** | **Sprint Start**  **Date** | **Sprint End Date** | **Story Points**  **Completed (as on Planned**  **End Date)** | **Sprint Release Date**  **(Actual)** |
| Sprint-1 | 7 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 7 | 29 Oct 2022 |
| Sprint-2 | 9 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 9 | 05 Nov 2022 |
| Sprint-3 | 5 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 5 | 12 Nov 2022 |
| Sprint-4 | 10 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 10 | 19 Nov 2022 |

**VELOCITY:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sprint** | **Sprint duration** | **Velocity** | **Actual Velocity** |
| Sprint-1 | 6 | 7 | 0.85 |
| Sprint-2 | 6 | 9 | 0.66 |
| Sprint-3 | 6 | 5 | 1.2 |
| Sprint-4 | 6 | 10 | 0.6 |

**Burndown Chart:**

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