**Project Planning Phase**

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

|  |  |
| --- | --- |
| **Date** | **14 November 2022** |
| **Team ID** | **PNT2022TMID46952** |
| **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 using my email & password and confirming my login credentials. | 3 | High | DHIVAKAR S |
| Sprint-1 |  | USN-2 | As a user, I can login through my E-mail. | 3 | Medium | KAVIYARASAN K |
| Sprint-1 | Confirmation | USN-3 | As a user, I can receive my confirmation email once I have registered for the application. | 2 | High | PRAVEENRAM M |
| Sprint-1 | Login | USN-4 | As a user, I can log in to the authorized account by entering the registered email and password. | 3 | Medium | DHIVAKAR S |
| Sprint-2 | Dashboard | USN-5 | As a user, I can view the products that are available currently. | 4 | High | DHIVAKAR S |
| Sprint-2 | Stocks update | USN-6 | As a user, I can add products which are not available in the inventory and restock the products. | 3 | Medium | RENUKA S |
| Sprint-3 | Sales prediction | USN-7 | As a user, I can get access to sales prediction tool which can help me to predict better restock management of product. | 6 | Medium | DHIVAKAR S |
| Sprint-4 | Request for customer care | USN-8 | As a user, I am able to request customer care to get in touch with the administrators and enquire the doubts and problems. | 4 | Medium | BHUVANA T |
| Sprint-4 | Giving feedback | USN-9 | As a user, I am able to send feedback forms reporting any ideas for improving or resolving any issues I am facing to get it resolved. | 3 | Medium | SANTHIYA P |

**Project Tracker, Velocity & Burn down 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 | 11 | 6 days | 6 November  2022 | 11 | 7 November  2022 | 16 November  2022 |
| Sprint-2 | 7 | 6 days | 8 November  2022 | 7 | 9 November  2022 | 16 November  2022 |
| Sprint-3 | 6 | 6 days | 12 November  2022 | 6 | 13 November  2022 | 16 November  2022 |
| Sprint-4 | 7 | 6 days | 14 November  2022 | 7 | 15 November  2022 | 16 November  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)

**Our velocity should be:**

**AV = (11+7+6+7) = 31 =1.29**

24 24