Project Planning Phase

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

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| --- | --- |
| Date | 10November2022 |
| Team ID | PNT2022TMID05082 |
| Project Name | Inventory Management System for Retailers |
| Maximum Marks | 8 Marks |

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirements (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 & confirming my password. | 3 | High | Srinath R  Sivasankar K  Sriram M  Venuprasath R |
| Sprint-1 | Login | USN-2 | As a user, I can login to product database and see the information about product. | 3 | High | Srinath R  Sivasankar K  Sriram M  Venuprasath R |
| Sprint-2 | Dashboard | USN-3 | As a user, I can see if there is any underflow or overflow. If there is underflow condition, I can order products, otherwise I can eliminate the stock which is not in large usage. I will be notified via e-mail. | 4 | High | Srinath R  Sivasankar K  Sriram M  Venuprasath R |

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirements (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-3 | Stock Maintenance | USN-4 | As a user, I can manage sales information and manage transactions/payments.. | 2 | High | Srinath R  Sivasankar K  Sriram M  Venuprasath R |
| Sprint-3 | Email Alert | USN-5 | As a user, I can create a database credentials and enter my stocks. | 6 | Medium | Srinath R  Sivasankar K  Sriram M  Venuprasath R |
| Sprint-4 | Customer Care | USN-6 | As a user, I can solve the log in issues and other issues of the application. | 3 | Medium | Srinath R  Sivasankar K  Sriram M  Venuprasath R |
| Sprint-4 | Application | USN-7 | As a user, I can create alerts to require stocks. | 3 | Medium | Srinath R  Sivasankar K  Sriram M  Venuprasath R |

Project Tracker, Velocity & Burndown Chart (4 Marks)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration |  | Sprint Start Date S | print 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 |

Velocity:

Imagine we have a 6-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).

sprint duration 20

AV = = = 3.33

velocity 6