

Project Delivery Schedule

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| Date | 29 October 2022 |
| Team ID | PNT2022TMID53307 |
| 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. | 5 | High | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 1 | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 4 | High | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 1 | | USN-3 | As a user, I can register for the application through Gmail | 3 | Medium | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 1 | Login | USN-4 | As a user, I can log into the application by entering email & password | 4 | High | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 1 | Dashboard | USN-5 | As a user, I can see the stock in hand and how much stock will be received and check other details. | 4 | High | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 2 | Customer details | USN-6 | As a user, I can see the customer details like name, company, location, and so on. | 3 | Low | Akaash Ganesh Kumar Gokul Krishna Abhishek |

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|----------|---------------------------|--------|--|---|--------|---|
| Sprint 2 | Invoice management | USN-7 | As a user, I can see, manage, and update or modify the invoice of my shop | 1 | Low | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 2 | Sale and order management | USN-8 | As a user, I can see, manage, and update the sale and order | 5 | Medium | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 2 | Return management | USN-9 | As a user, I can manage the returned items and check for damaged or defective items. | 5 | Medium | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 2 | Purchase order management | USN-10 | As a user, I can enter the newly purchased stock and add or remove the stocks. And upload the purchased details as well. | 5 | Medium | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 3 | Stocks | USN-11 | As a user, I can see the stock level, fast-moving, and death stocks. | 4 | High | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 3 | Report | USN-12 | As a user, I can see the report of the stock | 1 | Low | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 3 | Notification | USN-13 | As a user, it is good if I get a notification for low stock. | 2 | Medium | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 3 | Supplier | USN-14 | As a user, I can see the supplier details for a better understanding. | 3 | Low | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 3 | Profile | USN-15 | As a user, I can see my profile and give my details after registering as well. | 1 | Low | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 4 | Bill | USN-16 | As a user, I like to print the product that is sold now and maintain it. | 4 | Medium | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 4 | Chatbot | USN-17 | As a customer care executive, I can view the | 4 | High | Akaash Ganesh Kumar |

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|----------|------------------|--------|---|----|------|---|
| | | | complaints on chat box, As a customer, I should be able solve and reply for the customers queries and as a customer, I can close the complaint after assisting | | | Gokul Krishna Abhishek |
| Sprint 4 | Containerization | USN-18 | As a user, I can access the software with high performance | 10 | High | Akaash Ganesh Kumar Gokul Krishna Abhishek |
| Sprint 4 | Deployment | USN-19 | As a user, I can access the software in the web | 10 | High | Akaash Ganesh Kumar Gokul Krishna Abhishek |

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 | 24 Oct 2022 | 29 Oct 2022 | 20 | 31 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

Sprint Duration - 6 Days

Velocity of the Team - 20 (points per sprint)

Team's Average Velocity AV = story points / velocity sprint duration = $20/6 = 3.3$

Burndown Chart

