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

Date	09th November 2022
Team ID	PNT2022TMID12683
Project Name	Inventory Management System For Retailers
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	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.	High	Suchitha Malisetty Bhoovika V Pavithra Yazhini G K Gokul R
Sprint 1		USN-2	As a user, I will receive confirmation email once I have registered for the application	Medium	Suchitha Malisetty Bhoovika V Pavithra Yazhini G K Gokul R
Sprint 1	Login	USN-3	As a user, I can log into the application by entering email & password	High	Suchitha Malisetty Bhoovika V
Sprint 2	Items	USN-5	As a user, I can add the items.	High	Pavithra Yazhini G K Gokul R
Sprint 2		USN-6	As a user, I can see the items	Low	Pavithra Yazhini G K
Sprint 2	Inventory	USN-7	As a user, I can add the items to inventory.	High	Gokul R Bhoovika V
Sprint 2		USN-8	As a user, I can see the items in the inventory.	Low	Suchitha Malisetty
Sprint 3	Indication	USN-9	As a user, I can be able to receive indication	High	Suchitha Malisetty Bhoovika V
Sprint 3	Location	USN-10	As a user, I can be able to see items from a particular store location	Medium	Pavithra Yazhini G K Gokul R
Sprint 3		USN-11	As a user, I can add a new location of my store	Medium	Suchitha Malisetty

Sprint 4	Purchase	USN -12	As a customer, I can be able to purchase good from the particular location of the store	High	Bhoovika V Pavithra Yazhini G K
Sprint 4	Deployment	USN-13	As a user, I can access the software in the web	High	Suchitha Malisetty Gokul R

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	7 Days	24 Oct 2022	30 Oct 2022	20	30 Oct 2022
Sprint-2	20	7 Days	31 Oct 2022	06 Nov 2022	20	07 Nov 2022
Sprint-3	20	7 Days	07 Nov 2022	14 Nov 2022	20	14 Nov 2022
Sprint-4	20	7 Days	14 Nov 2022	21 Nov 2022	20	21 Nov 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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Sprint	Total Story Points	Duration	Average Velocity
Sprint 1	20	7 Days	20 / 7 = 2.85
Sprint 2	20	7 Days	20 / 7 = 2.85
Sprint 3	20	7 Days	20 / 7 = 2.85
Sprint 4	20	7 Days	20 / 7 = 2.85
Total	80	28	80 / 28 = 2.85

Burndown Chart:

Sprint burndown chart

> How to read this report

Sprint

IMSFR Sprint 1 ⌄

Estimation field

Story points ⌄

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Date - October 25th, 2022 - October 31st, 2022

___ **Remaining work**
Number of story points left to complete this sprint

___ **Guideline**
Ideal burn rate

Story points

15

10

5

0

Oct 26   Oct 27   Oct 28   Oct 29   Oct 30   Oct 31

Date