

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID36407
Project Name	Retail Store Stock Inventory Analytics.
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	Kishore V
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Dilip R
Sprint-2		USN-3	As a user, I can register for the application through Facebook	6	Low	Kishore V Logesh B
Sprint-1		USN-4	As a user, I can register for the application through Gmail	5	Medium	Dilip R Harish Ragavendhar MJ Logesh B
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	6	High	Kishore V Dilip R
Sprint-3	Dashboard	USN-6	As a user, I can view the price of the stock. Then can buy the stock.	6	High	Harish Ragavendhar MJ Logesh B
Sprint-2	Login	ADM-7	As a Admin, I can log into the application by entering ID & password	4	High	Dilip R Harish Ragavendhar MJ Logesh B
Sprint-3	Dashboard	ADM-8	As a Admin, I can view the best sales of stock in this monthly wise.	4	High	Kishore V Harish Ragavendhar MJ Logesh B
Sprint-3		ADM-9	As a Admin, I can view the best sales of stock in this day wise.	4	Medium	Dilip R Harish Ragavendhar MJ

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4		ADM-10	As a Admin, I can view the best sales of stock in this year wise.	4	Medium	Kishore V Harish Ragavendhar MJ
Sprint-4		ADM-11	As a Admin, I can view the session sales of stock in this day and order the stock.	4	Medium	Kishore V Dilip R
Sprint-4		ADM-12	As a Admin, When the stock get over it will notified to me and order the stock.	3	Medium	Kishore V Dilip R Logesh.B Harish Ragavendhar MJ

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	15	6 Days	24 Oct 2022	29 Oct 2022	15	29 Oct 2022
Sprint-2	14	6 Days	31 Oct 2022	05 Nov 2022	14	5 Nov 2022
Sprint-3	14	6 Days	07 Nov 2022	12 Nov 2022	14	12 Nov 2022
Sprint-4	11	6 Days	14 Nov 2022	19 Nov 2022	11	19 Nov 2022

Velocity:

Sprint-1

$$AV = \frac{\text{sprint duration}}{\text{Velocity}} = \frac{15}{6} = 2.5$$

Sprint-2

$$AV = \frac{\text{sprint duration}}{\text{Velocity}} = \frac{14}{6} = 2.33$$

Sprint-3

$$AV = \frac{\text{sprint duration}}{\text{Velocity}} = \frac{14}{6} = 2.33$$

Sprint-4

$$AV = \frac{\text{sprint duration}}{\text{Velocity}} = \frac{11}{6} = 1.83$$

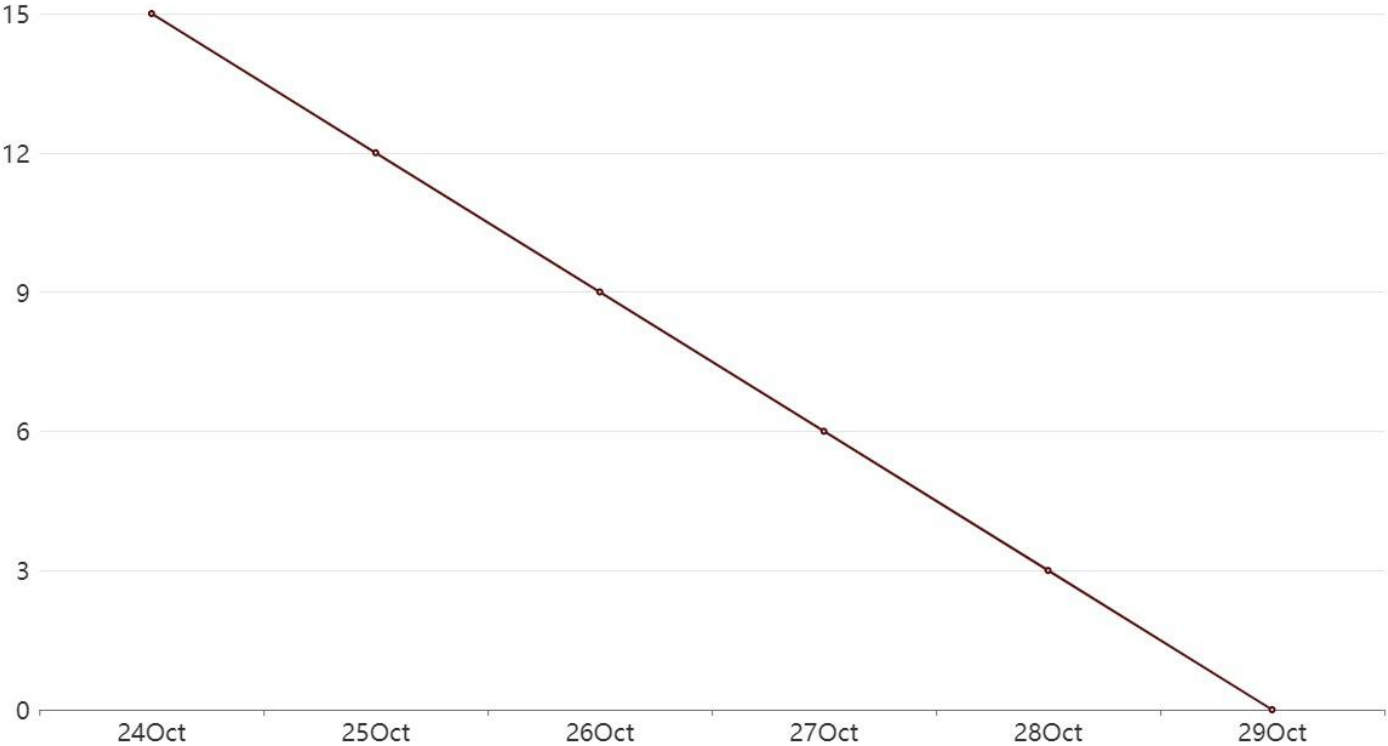
Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

Sprint-1

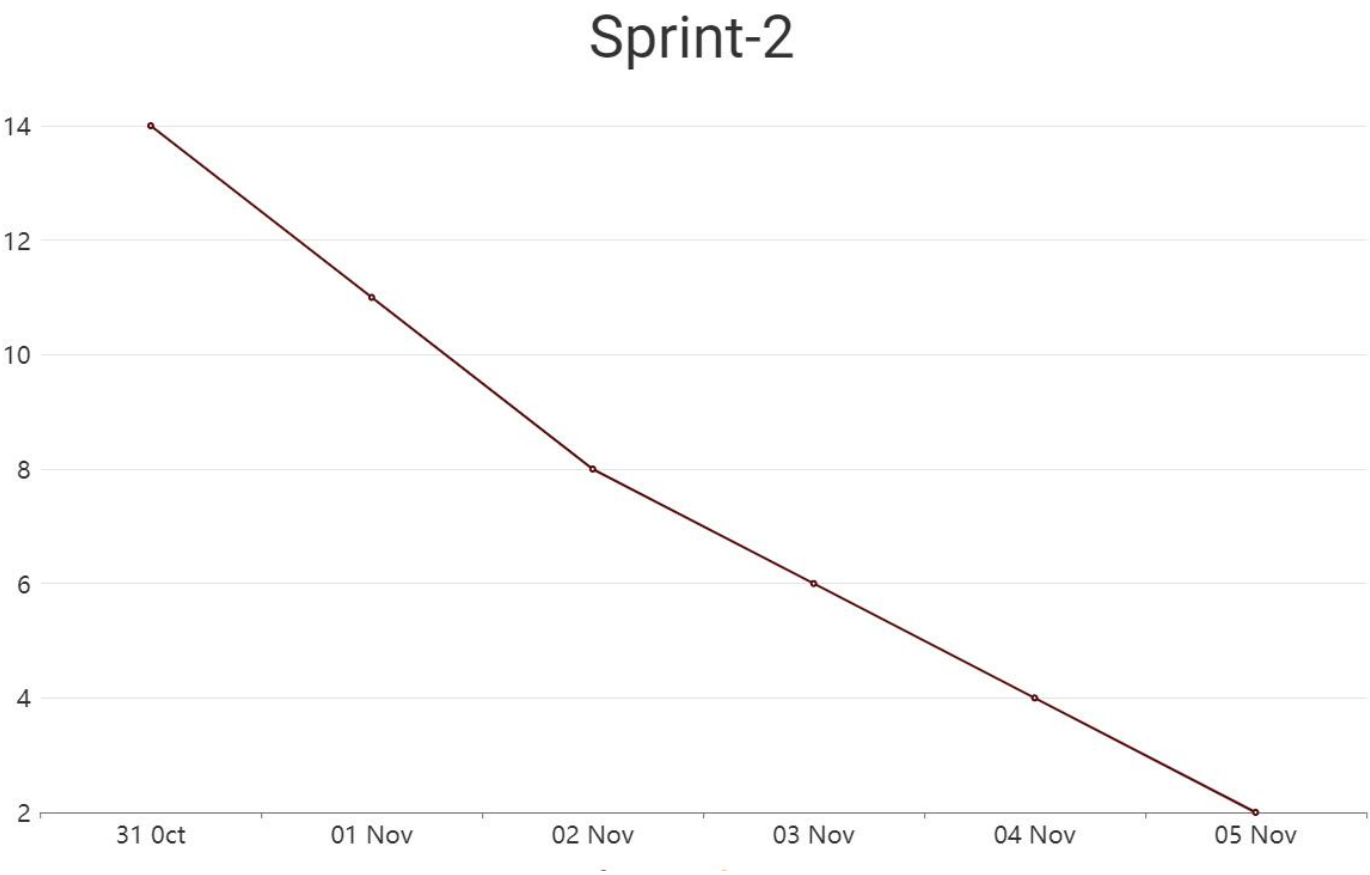
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Sprint-1



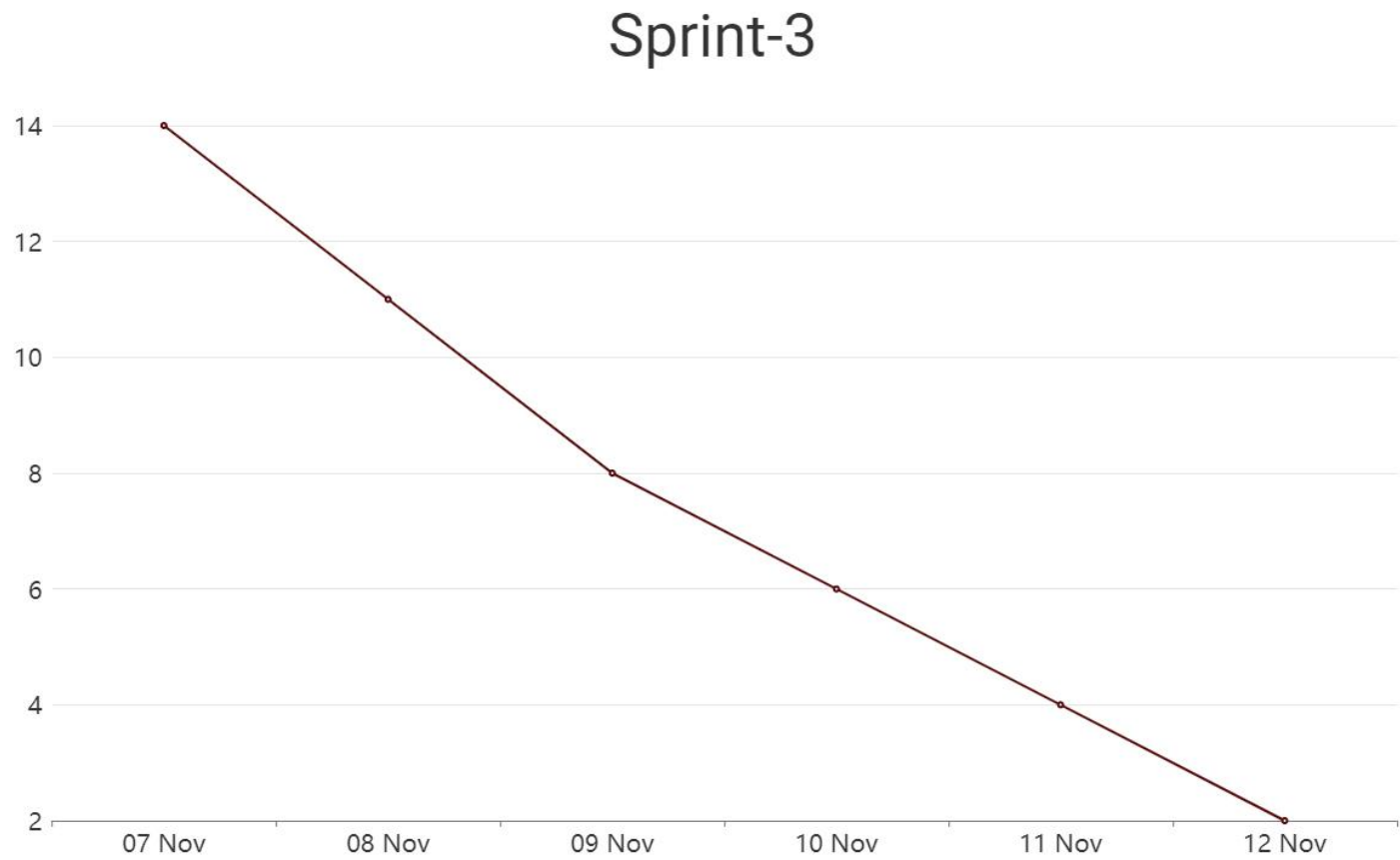
Sprint-2

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Sprint-3

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Sprint-4

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Sprint-4



Overall Burn chart

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Overall

