

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID41139
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	Login	USN-1	As a user I should login by using email and password .	4	High	Dhanush Aravind.R Vediappan.C Deepak.S
Sprint-1	Working with the Dataset	USN-2	As a user I should Understanding the dataset .	2	High	Dhanush Aravind.R Vediappan.C
Sprint-1		USN-3	As a user I should verifier the data if have missing the value want to fill.	5	Medium	Deepak.S Prakash.P
Sprint-1		USN-4	As a user I should remover the extra data.	3	Low	Vediappan.C Prakash.P
Sprint-1		USN-5	Upload the dataset in the IBM Cognos and prepare the dataset.	6	Medium	Dhanush Aravind.R Vediappan.C Deepak.S Prakash.P
Sprint-2	Exploratory data	USN-6	There have various data types. Then we analyzing the basic metrics.	6	High	Deepak.S Dhanush Aravind.R
Sprint-2		USN-7	Using Visualization tools like line chart..etc..then .	6	High	Vediappan.C Prakash.P
Sprint-2		USN-8	Using IQR, remove the outliers	4	Medium	Vediappan.C Prakash.P Deepak.C
Sprint-2		USN-9	correlation analysis.	4	Medium	Dhanush Aravind.R Deepak.S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Dashboard	USN-10	then to calculate year wise price using line graph.To calculate year wise stock using line graph.	4	Medium	Prakash.P Deepak.S
Sprint-3		USN-11	To calculate Top 10 sales by year using line graph To calculate Top 10 revenue by year using line graph	4	Medium	Vediyappan.C Prakash.p
Sprint-3		USN-12	To calculate Monthly stock using heat map. To calculate Monthly Revenue by pie chart.	6	Medium	Dhanush Aravind.R Vediyappan.C Deepak.S
Sprint-3		USN-13	Dashboard Creation	6	Medium	Prakash.P Vediyappan.C Dhanush Aravind.R
Sprint-4	Story	USN-14	Summary cards of total Revenue, Sales, Stock, Price.	6	Medium	Vediyappan.C
Sprint-4		USN-15	As a user, I can generate the story of the analysis.	4	Medium	Vediyappan.C Dhanush Aravind.R Prakash.P Deepak.S
Sprint-4	Report	USN-16	As a user, I can generate the report my analysis	6	Medium	Vediyappan.C Dhanush Aravind.R Prakash.P Deepak.S
Sprint-4		USN-17	As a user, I can Submit the report.	4	Medium	Vediyappan.C Dhanush Aravind.R Deepak.S Prakash.p

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	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	5 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-1,2,3,4:

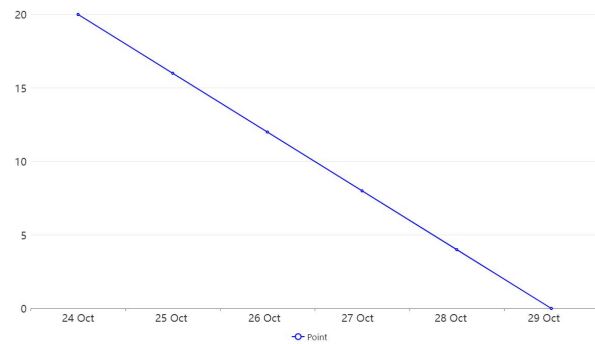
$$AV = \frac{\text{sprint duration}}{\text{Velocity}} = \frac{20}{6} = 2.3$$

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.

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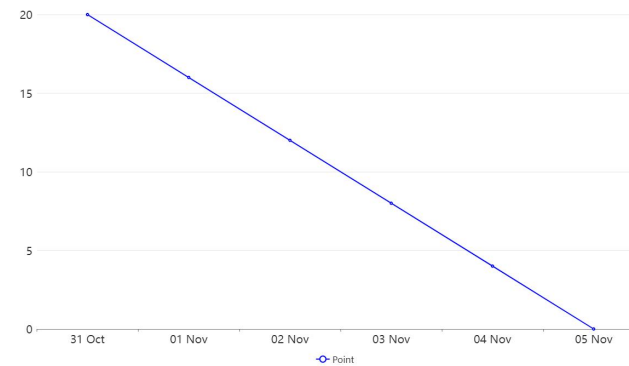
Sprint-1



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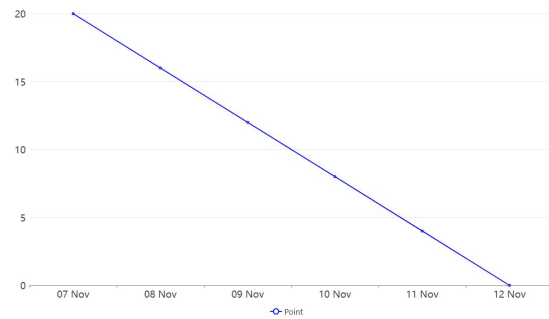
Sprint-2



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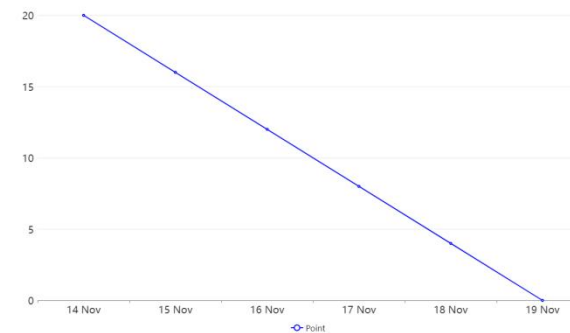
Sprint-3



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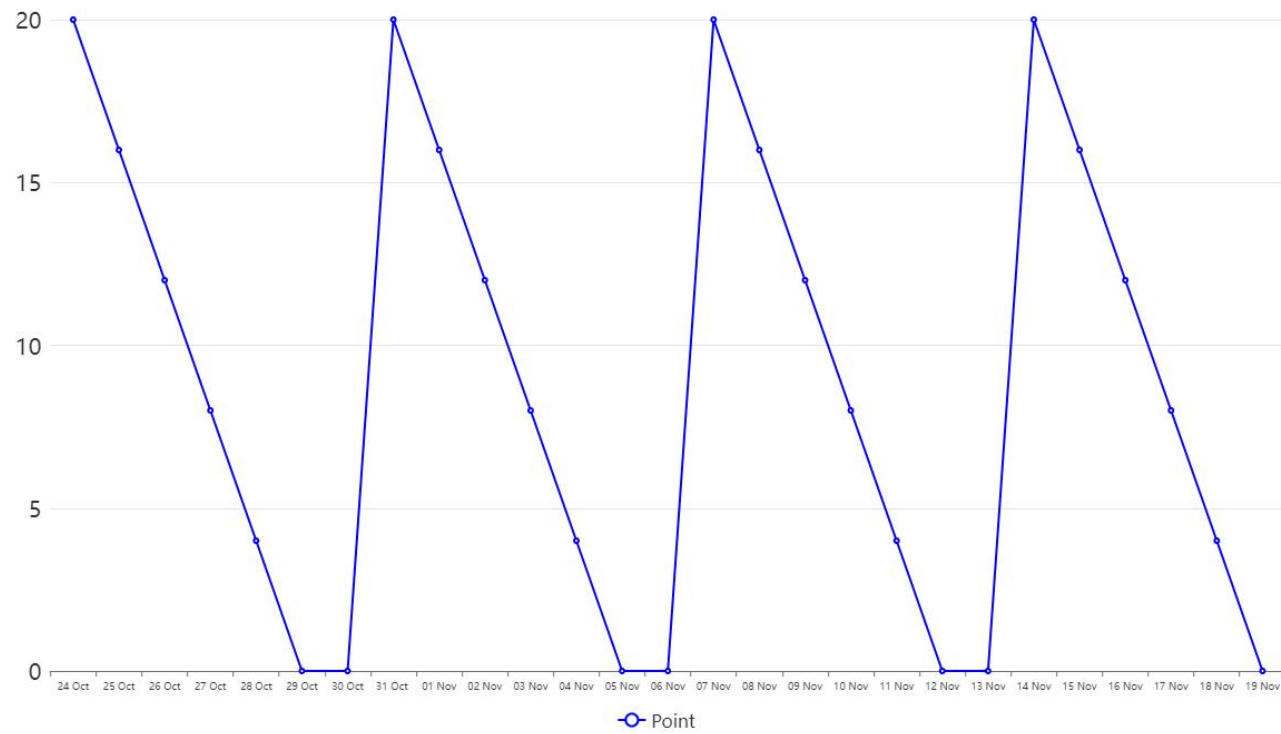
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Sprint-4



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Overall



Project Planning Tool:

