

## 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	Login	USN-1	As a user I should login by using email and password .	4	High	Kishore V
Sprint-1	Working with the Dataset	USN-2	As a user I should Understanding the dataset .	2	High	Kishore V Dilip R
Sprint-1		USN-3	As a user I should verifier the data if have missing the value want to fill.	5	Medium	Kishore V Dilip R
Sprint-1		USN-4	As a user I should remover the extra data.	3	Low	Kishore V Dilip R
Sprint-1		USN-5	Upload the dataset in the IBM Cognos and prepare the dataset.	6	Medium	Kishore V Dilip R Harish Ragavendhar MJ Logesh B
Sprint-2	Exploratory data	USN-6	Fetch dta from external API(Kaggle API).	6	High	Kishore V Dilip R
Sprint-2		USN-7	IBM DB2 Service creation and DB2 Connectivity with cognos.	6	High	Harish Ragavendhar MJ Logesh B
Sprint-2		USN-8	There have various data types. Then we analyzing the basic metrics.	4	Medium	Dilip R Harish Ragavendhar MJ Logesh B
Sprint-2		USN-9	Using Visualization tools like line chart..etc..	4	Medium	Kishore V Harish Ragavendhar MJ Logesh B

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-3	Dashboard	USN-10	then to calculate year wise price using line graph.To calculate year wise stock using line graph.	4	Medium	Kishore V Harish Ragavendhar MJ Logesh B
Sprint-3		USN-11	To calculate Top 10 sales by year using line graph To calculate Top 10 price by year using line graph	4	Medium	Dilip R Harish Ragavendhar MJ
Sprint-3		USN-12	To calculate Monthly stock using heat map. To calculate Monthly price by pie chart.	6	Medium	Kishore V Harish Ragavendhar MJ Dilip R
Sprint-3		USN-13	Dashboard Creation	6	Medium	Kishore V Harish Ragavendhar MJ Logesh B
Sprint-4	Story	USN-14	Summary cards of total Sales, Stock, Price.	6	Medium	Kishore V Dilip R
Sprint-4		USN-15	As a user, I can generate the story of the analysis.	4	Medium	Kishore V Dilip R Logesh.B Harish Ragavendhar MJ
Sprint-4	Report	USN-16	As a user, I can generate the report my analysis	6	Medium	Kishore V Dilip R Logesh B Harish Ragavendhar MJ
Sprint-4		USN-17	As a user, I can Submit the report.	4	Medium	Kishore V Dilip R Logesh B Harish Ragavendhar MJ

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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:**

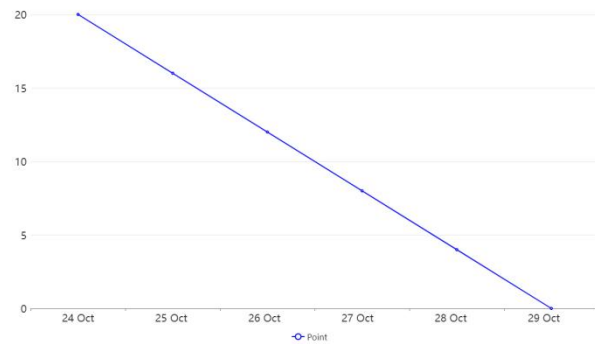
$$AV = \frac{\text{sprint duration}}{\text{Velocity}} = \frac{20}{6} = 2.3$$

## 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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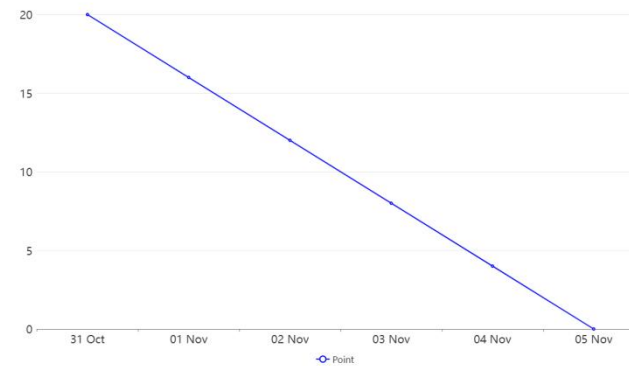
### Sprint-1



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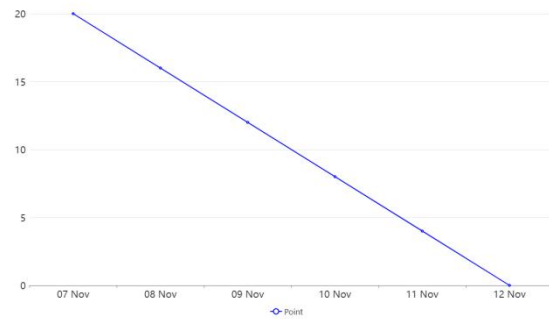
### Sprint-2



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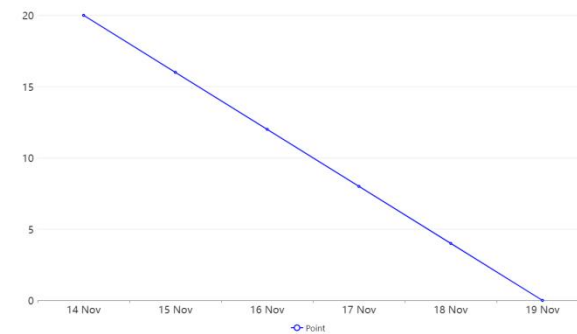
### Sprint-3



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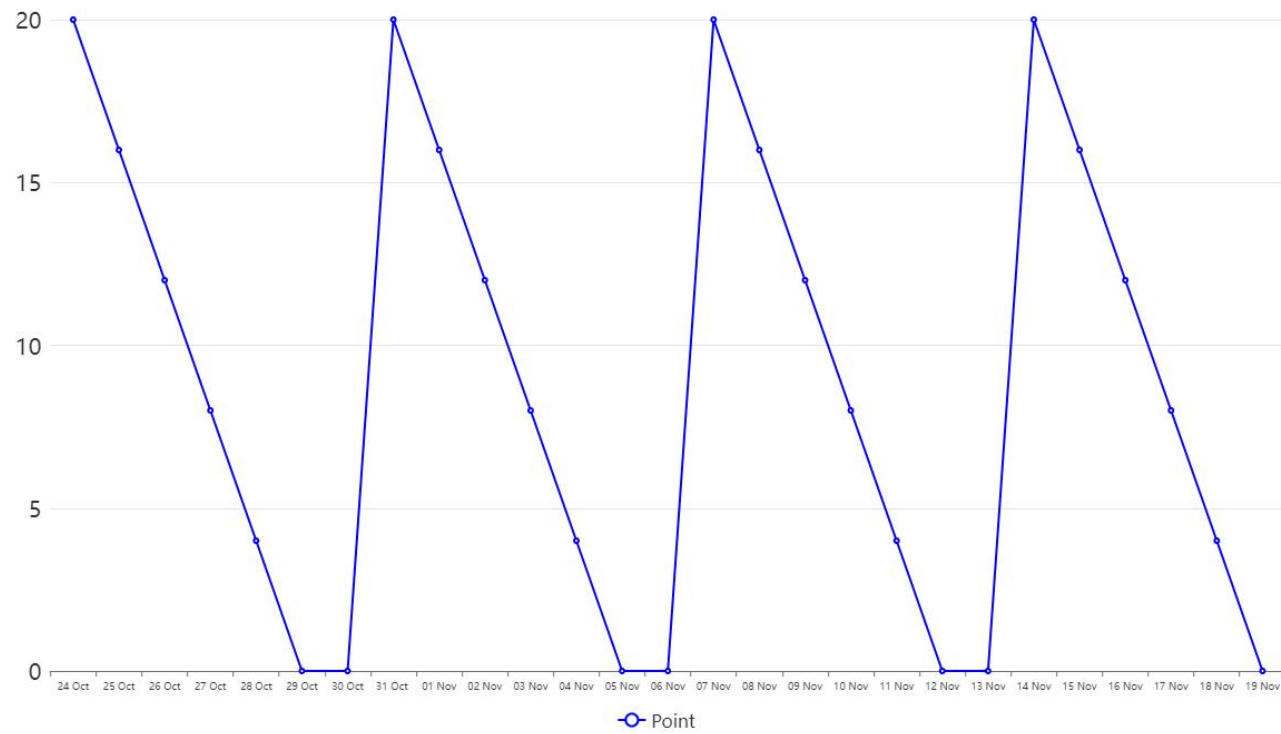
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### Sprint-4



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## Overall



## Project Planning Tool:

