

Project Planning Phase

Sprint Delivery Plan

Date	18 October 2022
Team ID	PNT2022TMID23152
Project Name	Global Sales Data Analytics
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story /Task	Story Points	Priority	Team Member
Sprint-1	Registration (Customer Mobile User)	UNS-1	As a user, I can register for the Application by entering my email, password, and authenticating it.	1	High	Amirthavarshini M, Dharsha G,

Sprint-1	Collecting & understanding Dataset	UNS-2	As a user, I should upload the dataset for analysing	1	High	Vijey Adhithya BS Kaushik Ramesh Kumar
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Sprint-2	Data pre-processing	USN-3	The dataset to be cleaned and processed using python,pandas and Numpy	3	High	Vijey Adhithya BS Kaushik Ramesh Kumar
Sprint -2	Data visualization	USN-4	Perform data visualisation	3	High	Amirthavarshini M Dharsha G
Sprint -3	Create dashboard deployment	USN- 5	Create a dashboard to present the visualisation should create website to deploy the dashboard	3	High	Amirthavarshini M Dharsha G

Sprint -3	Access the website	USN-8	As a user, I can register, login to Access my Sales Data Analytics Dashboard	1	High	Vijey Adhithya BS Kaushik Ramesh Kumar
Sprint -4	Embed Dashboard into Website	USN-9	As a programmer, I want to embed dashboard to website so the user can access the dashboard easily through website	3	High	Amirthavarshini M Dharsha G

Sprint - 4	Publish Website	USN - 10	As a programmer, I should publish the website to be accessible by all	1	High	Vijey Adhithya BS Kaushik Ramesh Kumar
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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	2	6 Days	24 Oct 2022	29 Oct 2022	2	6 Nov 2022
Sprint-2	6	6 Days	30 Oct 2022	06 Nov 2022	6	8 Nov2022
Sprint-3	4	6 Days	07 Nov 2022	12 Nov 2022	4	12 Nov2022
Sprint-4	4	6 Days	13 Nov 2022	19 Nov 2022	4	19 Nov2022

Velocity:

AV for sprint 1= Total story points/ Sprint

Duration =2/6=0.333

AV for sprint 2= Total story points/ Sprint

Duration=6/6=1

AV for Sprint 3= Total story points/ Sprint

Duration =4/6=0.666

AV for Sprint 4=Total story points/ Sprint

Duration =4/6=0.666

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

BURNDOWN CHART

A burndown 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.

