Project Planning Phase

Sprint Delivery plan

Date	09 November 2022
Team ID	PNT2022TMID45551
Project Name	Global Sales Data Analytics
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation :

Sprint 1	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 website by entering my email, password, and confirming me password	3	High	5
Sprint 1	Login	UNS 2	As a user, I will receive confirmation email once I have registered for the application	2	High	5
Sprint 1	Collecting Sample Dataset	UNS 3	As a user, I should share the data source for	3	High	5

			the dashboard			
Sprint 2	Preprocessing and cleaning the dataset	UNS 4	As a data Analyst I should preprocess and clean the dataset if required	3	High	5
Sprint 2	Create Dashboard	UNS 5	As a data Analyst I need to perform data visualization and create a dashboard using BI tool	3	High	5
Sprint 3	Access Dashboard	UNS 6	As a user, I can access my Sales Data Analytics Dashboard	3	High	5
Sprint 3	Web Development	UNS 7	As a programmer I should create website for the user	3	High	5
Sprint 4	Access the Website	UNS 8	As a user, I can register, login to Access my Sales Data Analytics Dashboard	3	High	5

Sprint 4	Embed Dashboard into Website	UNS 9	As a programmer, I want to embed the dashboard to the website so the user can access the dashboard easily through websit	1	High	5

Sprint 4	Publish Website	UNS 10	As a programmer, I should publish the dashboard so that the user can access the website from any device through internet	3	High	5

Project Tracker, Velocity & Burndown Chart:

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	4	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	2	6 Days	30 Oct 2022	06 Nov 2022	20	06 Nov2022
Sprint-3	2	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov2022
Sprint-4	2	6 Days	13 Nov 2022	19 Nov 2022	20	19 Nov2022

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)

$$AV\text{-}1 = \frac{\text{Total story points}}{\text{Sprint Duration}} = \frac{4}{6} = 0.666$$

$$AV\text{-}2 = \frac{\text{Total story points}}{\text{Sprint Duration}} = \frac{2}{6} = 0.333$$

$$AV\text{-}3 = \frac{\text{Total story points}}{\text{Sprint Duration}} = \frac{2}{6} = 0.333$$

$$AV\text{-}4 = \frac{\text{Total story points}}{\text{Sprint Duration}} = \frac{2}{6} = 0.333$$

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.

——— **Actual Effort**   ——— **Estimated Effort**