Project Planning Phase
Sprint Delivery plan

Date	**13 November 2022**
Team ID	**PNT2022TMID49356**
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 website by entering my email, password, and confirming me password.	3	High	Md Shafiuddin, VinothKumar, Suganthi
Sprint-1	Login	UNS-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Md Shafiuddin, VinothKumar, Suganthi

Sprint-1	Collecting Sample Dataset	UNS-3	As a user, I should share the data source for the dashboard	3	High	Md Shafiuddin, VinothKumar, Suganthi
Sprint-1	Pre-processing and cleaning the dataset	USN–4	As a data Analyst I should preprocess and clean the dataset if required	3	High	Md Shafiuddin, VinothKumar, Suganthi
Sprint -2	Create Dashboard	USN–5	As a data Analyst I need to perform data visualization and create a dashboard using BI tool	3	High	Md Shafiuddin, VinothKumar, Suganthi
Sprint -2	Access Dashboard	USN -6	As a user, I can access my Sales Data Analytics Dashboard	3	High	Md Shafiuddin, VinothKumar, Suganthi
Sprint -3	Web Development	USN–7	As a programmer I should create website for the user	3	High	Md Shafiuddin, VinothKumar, Suganthi

Sprint –3	Access the Website	USN–8	As a user, I can register, login to Access my Sales Data Analytics Dashboard	3	High	Md Shafiuddin, VinothKumar, Suganthi
Sprint –4	Embed Dashboard into Website	USN-9	As a programmer, I want to embed the dashboard to the website so the user can access the dashboard easily through website	1	High	Md Shafiuddin, VinothKumar, Suganthi
Sprint - 4	Publish Website	USN - 10	As a programmer, I should publish the dashboard so that the user can access the website from any device through internet	3	High	Md Shafiuddin, VinothKumar, Suganthi

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	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)

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

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

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

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

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.