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

Date	27 October 2022
Team ID	PNT2022TMID33778
Project Name	Project - Analytics for Hospitals Health-Care Data
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	Data Collection	USN-1	As a Admin, I can collect data and maintain it	10	Medium	AGS Jimson
Sprint-1	Data Preparation	USN-1	As a admin I need to prepare the data for further process	20	High	AGS Jimson
Sprint-2	Data exploration	USN-2	After preparing the data,the data need to be explored .	10	High	Venciya R
Sprint-3	Dashboard	USN-3	A Dashboard is created for the project ..	10	High	Venciya R
Sprint-3	Dashboard	USN-4	As a user, I can upload patient medical reports.	20	High	Vishnu K

Sprint-4	Report generation and virtualise	USN-5	As a user, I can virtualize the data which are analyzed	20	High	Tamil Kumaran C

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	3 Days	28 Oct 2022	31 Oct 2022	20	31 Oct 2022
Sprint-2	20	3 Days	31 Oct 2022	03 Nov 2022	20	02 Nov 2022
Sprint-3	20	3 Days	03 Nov 2022	6 Nov 2022	20	4 Nov 2022
Sprint-4	20	6 Days	8 Nov 2022	16 Nov 2022	20	16 Nov 2022

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)

$$AV= \frac{Sprint\ duration}{Velocity} =20/10 =2$$

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.