Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	16Nov2022
Team ID	PNT2022TMID41073
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 cancollect data and maintain it	10	Medium	Kaviya R
Sprint-1	Data Preparation	USN-1	As a admin I need to prepare the data for further process	20	High	Ashwin D
Sprint-2	Data exploration	USN-2	After preparing thedata,the data need to be explored .	10	High	Sobika
Sprint-3	Dashboard	USN-3	A Dashboard ..	10	High	Yuvarani
Sprint-3	Dashboard	USN-4	As a user, I canupload patient medical reports.	20	High	Kaviya R
Sprint-4	Report generation and virtualise	USN-5	As a user, I can virtualize the data which are analyzed	20	High	Kaviya R

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

Sprint	Total	Duration	Sprint	Sprint	Story Points	Sprint

	Story Points		Start Date	EndDate (Planned)	Completed (as on Planned End Date)	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)

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

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 beapplied to any project containing measurable progress over time.

Percentage of work done