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

Date	29 October 2022
Team ID	PNT2022TMID35502
Project Name	Detection of Parkinson's disease using Machine Learning
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	To clean and effective use the dataset to derive the insights	USN-1	Understanding and loading of the dataset to IBM COGNOS platform	1	High	Geethanjali N, Ramya C, Sandhiya L, Subhashri S
Sprint-2	To work with the dataset	USN-2	Preprocessing of the dataset	1	Medium	Geethanjali N, Ramya C, Sandhiya L, Subhashri S
Sprint-3	Data visualization	USN-3	Creating Dashboard to demonstratethe illustrations	2	High	Geethanjali N, Ramya C, Sandhiya L, Subhashri S
Sprint-4	Offer insights in the form of charts or graphs to provide meaningful information	USN-4	Report generation based on the prediction of Parkinson's disease	2	High	Geethanjali N, Ramya C, Sandhiya L, Subhashri S
Sprint-5	To create scenes that visualize your data and to tell a narrative.	USN-5	Story creation	2	High	Geethanjali N, Ramya C, Sandhiya L, Subhashri S

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	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

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

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

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.