

Project Planning Phase

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

Date	04-11-2022
Team ID	PNT2022TMID02577
Project Name	Project - Detect Parkinsons disease

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Home Page	USN-1	As a user, I can view the home page of the web application.	15	Low	Harshath GM
Sprint-2	Data Entry	USN-2	As a user, I can enter details like images of spiral scribbling or wave scribbling.	15	Medium	Aishuwarya RR
Sprint-3	Parkinson's disease result display	USN-3	As a user, I can view final result wether I have Parkinson or not.	15	Medium	Afsana Mariam M
Sprint-4	Parkinson disease value Prediction	USN-4	As a user, I expect the application to predict wether i have Parkinson or not accurately .	15	Medium	Ajay Keerthana D

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as	Sprint Release Date (Actual)
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					on Planned End Date)	
Sprint-1	15	6 Days	01-11-2022	06-11-2022	15	06-11-2022
Sprint-2	15	6 Days	02-11-2022	07-11-2022	15	07-11-2022
Sprint-3	15	6 Days	03-11-2022	08-11-2022	15	08-11-2022
Sprint-4	15	6 Days	04-11-2022	09-11-2022	15	09-11-2022

Velocity:

Imagine we have a 6-day sprint duration, and the velocity of the team is 15 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$\text{Average Velocity} = \frac{15}{6} = 2.5$$

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.

