

Project Planning Phase

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

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|--------------|-------------------------------------|
| Date | 02-11-2022 |
| Team ID | PNT2022TMID18131 |
| 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 | Surya.k ,sudharsan p |
| Sprint-2 | Data Entry | USN-2 | As a user, I can enter details like images of spiral scribbling or wave scribbling. | 15 | Medium | Saravana kumar R |
| Sprint-3 | Parkinson disease result display | USN-3 | As a user, I can view final result wether I have Parkinson or not. | 15 | Medium | Muthumanikand an |
| 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 | Vishal .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 | 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.

