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

Date	18 October 2022
Team ID	PNT2022TMID34818
Project Name	Detecting Parkinson's Disease using Machine Learning
Maximum Marks	8 Marks

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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password or through Google/Facebook.	2	Medium	JeisonJoe, John A
Sprint-1	Verification	USN-2	As a user, I will receive confirmation email once I have registered for the application.	1	Medium	Akshay S A, Aswani Devan S B
Sprint-2	Login	USN-3	As a user, I can log into the application by entering email & password or through Google account.	1	Medium	Aswani Devan S B, John A
Sprint-2	Import Data	USN-4	As a user, I can register for the application through Gmail.	2	High	John A , Akshay S A
Sprint-3	Check Prediction	USN-5	As a user, I can check the result predicted by the application.	5	High	Aswani Devan S B, Jeison Joe
Sprint-3	Medical Suggestion	USN-6	As a user, I can get medical insights offered by the application.	3	High	John A, Jeison Joe

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Checking the proper working of system.	USN-7	As an admin, I can check the proper working of system and make changes to it.	5	High	Aswani Devan, Akshay S A

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	3	6 Days	24 Oct 2022	29 Oct 2022	3	29 Oct 2022
Sprint-2	3	6 Days	31 Oct 2022	05 Nov 2022	3	05 Nov 2022
Sprint-3	8	6 Days	07 Nov 2022	12 Nov 2022	8	12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	19 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)

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

Average Velocity:

Average Velocity per sprint= (3+3+8+5)/4= 4.75

Story Points per day/Average Velocity= 4.75/6= 0.79

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.

We will upload the same to the Jira Files directory