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

Date	18 October 2022
Team ID	PNT2022TMID23220
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.	2	High	1
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	1
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	1
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	1
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	3
Sprint- 4	Dashboard	USN-6	As a user, I can view their profile, speech recognition, handwritten drawings detection, user's data sets, visualizing the final result, logout	2	Medium	3

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint- 2	Login credential	USN-7	As a web user can register the patient details and entering the mail id, password after the completing registration user can direct to the dashboard page which containsprofile, speech recognition, handwritten drawings detection, user's data sets, visualizing the final result, logout	1	High	2
Sprint- 3	Customer Care	USN-8	Executive helps to find the solution for the problems faced by the customer	1	High	2
Sprint- 4	Admin: database	USN-9	Admin stores the user data's	1	High	3
Sprint- 4	authentication	USN-10	Admin has the access for user data and othersecured information	1	High	2
Sprint- 4	updates	USN-11	Admin has the rights to update the application	1	High	2

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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{6} = 3.33$$