Project Planning Phase

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

Date	03 November 2022
Team ID	PNT2022TMID04005
Project Name	Project -Detecting Parkinsons 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	Data Collection	USN-1	Collect the dataset or Create the dataset .	2	High	Maneesh Vijay V.I. Hariharan. K Sivakumar M. S Kishore Kumar. M
Sprint-2	Image Preprocessing	USN-2	Importing the required libraries and Loading Train data and Test data . Quantifying images with Label Encoding	1	High	Maneesh Vijay V.I. Hariharan. K Sivakumar M. S Kishore Kumar. M
Sprint-3	Model Building	USN-3	Training the model,Testing the model ,Model Evaluation, Saving the model	2	Low	Maneesh Vijay V.I. Hariharan. K Sivakumar M. S Kishore Kumar. M
Sprint-4	Application Building	USN-4	Create an HTML file and and Build Python Code	2	Medium	Maneesh Vijay V.I. Hariharan. K Sivakumar M. S Kishore Kumar. M

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	10	
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	0	
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	0	
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	0	

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)

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