Project Planning Phase

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

Date	4 November 2022
Team ID	PNT2022TMID51528
Project Name	Detection of Parkinson's disease using MachineLearning
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	I need to collect data (Images of spirals and waves drawn by healthy people andParkinson's patients).	4	Medium	Mareeswaran M Arul pandi P Sankar S Rajaguru M
Sprint-1	Image Pre - Processing	USN-2	I need to clean my data and prepare it for model building by doing preprocessing activities such as resizing, converting from RGB to grayscale etc.	6	High	Mareeswaran M Arul pandi P Sankar S Rajaguru M
Sprint-2	Model Building 1	USN-3	I need to build the model using RandomForest Classifier for spiral images.	5	Medium	Mareeswaran M Arul pandi P Sankar S Rajaguru M
Sprint-2	Model Building 2	USN-4	I need to build the model using K – Nearest Neighbor for wave images.	5	Medium	Mareeswaran M Arul pandi P Sankar S Rajaguru M
Sprint-3	Model Deployment	USN-5	I need to deploy the ML model that wasbuilt	5	High	Mareeswaran M Arul pandi P Sankar S Rajaguru M
Sprint-4	Application Building	USN-6	I need to build the website for the application using HTML, CSS, Flask andlink it to the model.	10	High	Mareeswaran M Arul pandi P Sankar S Rajaguru 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	10	6 Days	24 Oct 2022	29 Oct 2022	10	3 November 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022		

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