Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID39601
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	Modelling Phase	USN-1	Data Collecting and digitalizing for analysing	3	Medium	SANTHOSH S
Sprint-1		USN-2	Pre-processing the Collected data	2	Medium	MOHAMMAD SUFIYAN T M
Sprint-1		USN-3	Building a model using the collected data	5	High	MOHAMMAD YUSAF KHAN K
Sprint-1		USN-4	Evaluating the model to check the accuracy and precision	3	High	HARI PRASANTH
Sprint-2	Development Phase	USN-5	Building Website pages	1	Low	SANTHOSH S
Sprint-2		USN-6	Building flask application	2	Medium	MOHAMMAD SUFIYAN T M
Sprint-2		USN-7	Integrating flask and webpages	4	Medium	MOHAMMAD YUSAF KHAN K
Sprint-2		USN-8	Model loading – API creation using flask	5	High	HARI PRASANTH
Sprint-3	Deployment Phase	USN-9	Training the model on cloud	3	Medium	SANTHOSH S
Sprint-3		USN-10	Cloud deployment – Deployment of application using IBM Cloud	5	High	MOHAMMAD SUFIYAN T M
Sprint-4	Testing Phase	USN-11	Functional testing – Checking the scalability and robustness of the application	5	High	MOHAMMAD YUSAF KHAN K
Sprint-4		USN-12	Non-Functional testing – Checking for user acceptance and integration	5	High	HARI PRASANTH

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	13	6 Days	24 Oct 2022	29 Oct 2022	13	29 Oct 2022
Sprint-2	12	6 Days	31 Oct 2022	05 Nov 2022	12	05 Nov 2022
Sprint-3	8	6 Days	07 Nov 2022	12 Nov 2022	8	12 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022	10	19 Nov 2022

Velocity:

Average Velocity = 61/24 = 2.51

Burndown Chart: