Project Planning Phase

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

Date	17 NOVEMBER 2022
Team ID,	PNT2022TMID48113
Project Name	Project - Detecting Parkinson's 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	K.Kayalvizhi, A.Swetha ,N.Sowntharya ,P.Senthooradevi ,A.Priyadharshini
Sprint-2		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	K.Kayalvizhi ,A.Swetha ,N.Sowntharya, P.Senthooradevi ,A.Priyadharshini
Sprint-3		USN-4	As a user, I can register for the application through Gmail	2	Medium	K.Kayalvizhi A.Swetha N.Sowntharya ,P.Senthooradevi ,A.Priyadharshini
Sprint-4	Login	USN-7	As a user, I can log into the web application and access the dashboard	1	High	K.Kayalvizhi A.Swetha N.Sowntharya P.Senthooradevi A.Priyadharshini

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	7	6 Days	24 Oct 2022	29 Oct 2022	7	29 Oct 2022
Sprint-2	4	6 Days	31 Oct 2022	05 Nov 2022	4	05 Nov 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	6	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	19 Nov 2022	2	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)

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

AV (Sprint 1) = 7/6 = 1

AV (Sprint 2) = 4/6 = 1

AV (Sprint 3) = 6/6 = 1

AV (Sprint 4) = 2/6 = 1

AV (Total) = 21/24 = 1