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

Date	10- November-2022
Team ID	PNT2022TMID 26244
Project Name	Statistical Machine Learning Approaches to Liver Disease Prediction
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	Enter Personal Details	USN-1	As a user, I can enter my details in the form given like gender, age and other personal information	2	High	Priyadharshini Arutselvan, Vashni Sharon S
Sprint-1	Enter Report Detail	USN-2	As a user, I must input information from the laboratory report that was collected.	1	High	Sylvia Catherine, Jeolin J
Sprint-2		USN-3	As a user, I have to check that all the fields are filled with the correct attributes.	2	High	Priyadharshini Arutselvan, Vashni Sharon S
Sprint-3	Dashboard	USN-4	As a user, I can get familiar with the medical terminology	2	Medium	Sylvia Catherine, Jeolin J
Sprint-1		USN-5	Details entered are submitted.	1	High	Priyadharshini Arutselvan, Vashni Sharon S
Sprint-1	Display Results	USN-6	As a user, I can view the results	2	High	Sylvia Catherine, Jeolin J

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Positive Results	USN-7	As a user, if I am positive to liver diseases I can view diet plans.	1	Medium	Priyadharshini Arutselvan, Vashni Sharon S
Sprint-4		USN-8	As a user, I can find doctors suggested by the website.	1	Low	Sylvia Catherine, Jeolin J
Sprint-2	Negative Results	USN-9	As a user if i am free from liver disease	1	High	Priyadharshini Arutselvan, Vashni Sharon S

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	30 Oct 2022	05 Nov 2022	20	13 Nov 2022
Sprint-2	20	6 Days	02 Oct 2022	06 Nov 2022	20	15 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	15 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)

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

Burndown Chart: