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

Date	25 October 2022
Team ID	PNT2022TMID49949
Project Name	Project – Statistical Machine Learning techniques 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	Login	USN-1	As a user, I can login for the application by entering my mail	1	High	jeeva
Sprint-1		USN-2	As a user, I will login and get confirmation mail once I have registered	2	High	jeeva
Sprint-2		USN-3	As a user, I can login for the application through mobile number	2	Medium	Gragasakthimani
Sprint-3	Dashboard	USN-4	As a user, I need to enter my details	1	High	Gragasakthimani
Sprint-3	Dashboard	USN-5	As a user, I need to provide my Test Details	2	High	Jeeva
Sprint-3	services	USN-6	As a admin I need to provide valid result	3	High	Selva Rani
Sprint-3		USN-7	As a admin I need to provide valid /useful suggestions	6	Medium	Selva Rani
Sprint-4	Data Process	USN-8	As a admin need to collect all the details and information.	2	High	Gragasakthimani
Sprint-4		USN-9	As a admin I need to store all the details and information	3	High	Selva Rani
Sprint-4	Login	USN-10	As a admin I need to login and access details of customers	5	High	Jeeva
Sprint-4	Dashboard	USN-11	As a admin I need to proceed the details with case head	12	High	Selva Rani

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	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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) periteration unit (story points per day

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

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies suchas Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts