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

Date	22 October 2022
Team ID	PPNT2022TMID40507
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive Dashboard
Maximum Marks	4 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	SATHISHKUMAR P
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	RUKESH K
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	High	SIVASANKAR B, MD NOORULLAH A
Sprint-2	Dashboard	USN-4	User can view his/her complete medical analysis and accuracy of disease prediction	5	High	SATHISHKUMAR P, RUKESH K
Sprint-2		USN-5	User can view the accuracy of occurrence of heart disease	5	High	SIVASANKAR B, MD NOORULLAH A
Sprint-3	Helpdesk	USN-6	As a customer care executive, he/she can view the customer queries.	5	Medium	SATHISHKUMAR P, MD NOORULLAH A

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-7	As a customer care executive, he/she can answer the customer queries.	5	High	RUKESH K, SIVASANKAR B
Sprint-4	User Profile	USN-8	As an admin, he/she can update the health details of users.	2	High	SATHISHKUMAR P
Sprint-4		USN-9	As an admin, he/she can add or delete users.	3	High	SIVASANKAR B
Sprint-4		USN-10	As an admin, he/she can manage the user details.	5	High	RUKESH K, MD NOORULLAH A

Sprint Delivery Plan

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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	5 Days	24 Oct 2022	29 Oct 2022	10	29 Oct 2022
Sprint-2	10	5 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	10	5 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	10	5 Days	14 Nov 2022	19 Nov 2022	10	19 Nov 2022

Velocity:
Imagine we have a 05-day sprint duration, and the velocity of the team is 10 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = Sprint\ Duration/Velocity = 10/5 = 2$$

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 such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

Goal:60 hours in 5 days

Burndown Chart

90	
80	
70	
60	
50	
40	
30	
20	
10	
0	Day 0 Day 1 Day 2 Day 3 Day 4 Day 5

Actual effort   Estimated effort