Project Planning Phase

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

Team ID	PNT2022TMID29565
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
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.	8	High	Meenakshi, Abirami
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Meenakshi, Abirami
Sprint-1		USN-3	As a user, I can register for the application through Email, Google account and mobile number	2	Medium	Meenakshi, Abirami
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	5	High	Meenakshi, Abirami
Sprint-2	Dashboard	USN-5	As a user, I can update my profile and medical records for analysis	10	High	Meenakshi, DivyaDharshni
Sprint-2		USN-6	As a user, I can view the accuracy of occurrence of heart disease through the report generation	10	High	Meenakshi, DivyaDharshni
Sprint-3	Guidelines	USN-7	As a user, they can view the guidelines and perform the required actions	10	Medium	Meenakshi, RohiniPriya
Sprint-4	User profile	USN-9	As an admin, he/she can update the health details of the users	5	High	Meenakshi, Sandhiya
Sprint-4		USN-10	As an admin, he/she can add or delete users	5	High	Meenakshi, Sandhiya
Sprint-4		USN-11	As an admin, he/she can manage the user details	10	High	Meenakshi, Sandhiya

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	01 Nov 2022	02 Nov 2022	20	11 Nov 2022
Sprint-2	20	6 Days	01 Nov 2022	03 Nov 2022	20	11 Nov 2022
Sprint-3	20	6 Days	01 Nov 2022	05 Nov 2022	20	11 Nov 2022
Sprint-4	20	6 Days	01 Nov 2022	07 Nov 2022	20	11Nov 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)

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