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

Date	15 November 2022
Team ID	PNT2022TMID12681
Project Name	Visualizing and Predicting heart disease with an interactive dashboard
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.	5	High	Gowtham S, Srikanth, Rithish, Chandraprakash
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the application	5	High	Gowtham S, Srikanth, Rithish, Chandraprakash

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-3	As a user, I can log into the application with the user-id and password	10	High	Gowtham S, Srikanth, Rithish, Chandraprakash
Sprint-2	Dashboard	USN-4	As a user, I can give medical data in the application	20	High	Gowtham S, Srikanth, Rithish, Chandraprakash
Sprint-3	Helpdesk	USN-5	As a staff, I can view the customer queries	10	Low	Gowtham S, Srikanth, Rithish, Chandraprakash
Sprint-3		USN-6	As a staff, I can answer the customer queries	10	Low	Gowtham S, Srikanth, Rithish, Chandraprakash
Sprint-4	Profile	USN-7	As an admin, I can add or delete Users	5	High	Gowtham S, Srikanth, Rithish, Chandraprakash

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4		USN-8	As an admin, I can manage user details	15	High	Gowtham S, Srikanth, Rithish, Chandraprakash

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	19 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	19 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	19 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)

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