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

Date	18 October 2022
Team ID	PNT2022TMID21580
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard Technology
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 Customer, I can register for the application by entering my email, password, and confirming my password so that I can log into the application	6	High	M.V.V.Aparajithan
Sprint 1		USN-2	As a customer, after registration I will receive OTP via registered email so that I can have additional security and verify that it's me	6	High	M.Dineshkumar
Sprint 2		USN-3	As a customer, I can register through one time sign in feature using google, Facebook and other social platforms so that it makes my registration process easier	6	Low	V.Jayshree
Sprint 1	LOGIN	USN-4	As a Customer, I can log into the application by entering email & password so that I can have privacy and increased security	6	High	S.Vigneshkumar
Sprint 2	Dashboard	USN-5	As a customer, I can access the dashboard, so that I can access the features of the application.	7	High	M.V.V.Aparajithan

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint 2		USN-6	As a customer, I can enter details such as age, sex, chest pain, cholesterol level, resting blood pressure and various attributes related to health conditions so that the application predicts whether I am diagnosed with have a heart disease or not.	7	High	M.Dineshkumar
Sprint 3		USN-7	As a Customer, I can view my past data such as resting blood pressure, cholesterol level and various attributes related to health conditions so that I can know how my health conditions are different now from the past data	20	Medium	V.Jayshree
Sprint 1		USN-8	As a user, I can logout of the application, so that I can stop using the application or login with my other account	2	Medium	S.Vigneshkumar
Sprint 4	Login(Admin)	USN-9	As an admin I can log into the application (admin panel) by entering email & password so that I can access the application in admin mode with higher level of access	10	High	M.V.V.Aparajithan
Sprint 4	Manipulation	USN-10	As an admin, I can able to manipulate data so that the customers will be displayed with correct data and have a good user experience	10	High	M.Dineshkumar

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

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