Project Planning Phase

Project Sprint Delivery Plan

Date	22 September 2022
Team ID	PNT2022TMID51981
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation

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.	1	High	Sneha K S Lakshman Karthick S Meenu Priya S S Vasantha Guru R

Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sneha K S Lakshman Karthick S Meenu Priya S S Vasantha Guru R
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	1	High	Sneha K S Lakshman Karthick S

						Meenu Priya S S Vasantha Guru R
Sprint-2	Dashboard	USN-4	User can view his/her complete medical analysis and accuracy of disease prediction	2	High	Sneha K S Lakshman Karthick S Meenu Priya S S Vasantha Guru R
Sprint-2		USN-5	User can view the accuracy of occurrence of heart disease	2	High	Sneha K S Lakshman Karthick S Meenu Priya S S Vasantha Guru R
Sprint-3	Helpdesk	USN-6	As a customer care executive, he/she can view the customer queries.	2	Medium	Sneha K S Lakshman Karthick S Meenu Priya S S Vasantha Guru R

Sprint-3		USN-7	As a customer care executive, he/she can answer the customer queries.		High	Sneha K S Lakshman Karthick S Meenu Priya S S Vasantha Guru R
Sprint-4	User Profile	USN-8	As an admin, he/she can update the health details of users.		High	Sneha K S Lakshman Karthick S Meenu Priya S S Vasantha Guru R
Sprint-4		USN-9	As an admin, he/she can add or delete users.		High	Sneha K S Lakshman Karthick S Meenu Priya S S Vasantha Guru R
Sprint-4		USN-10	As an admin, he/she can manage the user details.		High	Sneha K S Lakshman Karthick S Meenu Priya S S Vasantha Guru R

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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 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)

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

Burndown Chart:

A burndown 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, burndown charts can be applied to any project containing measurable progress over time.