

## 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)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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)

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

**Burndown Chart:**

