

Project Planning Phase

Project Sprint Delivery Plan

Date	22 September 2022
Team ID	PNT2022TMID17411
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	Aravind M Yogeshwaran M B Muthu Aravindh J P Maruthupandiyan K
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Aravind M Yogeshwaran M B Maruthupandiyan K Muthu Aravindh J P
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	1	High	Aravind M Yogeshwaran M B Maruthupandiyan K Muthu Aravindh J P

Sprint-2	Dashboard	USN-4	User can view his/her complete medical analysis and accuracy of disease prediction	2	High	Aravind M Yogeshwaran M B Maruthupandiyam K Muthu Aravindh J P
Sprint-2	USN-5		User can view the accuracy of occurrence of heart disease	2	High	Aravind M Yogeshwaran M B Maruthupandiyam K Muthu Aravindh J P
Sprint-3	Helpdesk	USN-6	As a customer care executive, he/she can view the customer queries.	2	Medium	Aravind M Yogeshwaran M B Maruthupandiyam K Muthu Aravindh J P
Sprint-3	USN-7		As a customer care executive, he/she can answer the customer queries.	High		Aravind M Yogeshwaran M B Maruthupandiyam K Muthu Aravindh J P
Sprint-4	User Profile	USN-8	As an admin, he/she can update the health details of users.	High		Aravind M Yogeshwaran M B Maruthupandiyam K Muthu Aravindh J P

Sprint-4		USN-9	As an admin, he/she can add or delete users.		High	Aravind M Yogeshwaran M B Maruthupandiyan K Muthu Aravindh J P
Sprint-4		USN-10	As an admin, he/she can manage the user details.		High	Aravind M Yogeshwaran M B Maruthupandiyan K Muthu Aravindh J P

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)

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