Visualizing and Predicting Heart Diseases with anInteractive Dashboard

Date	21 October 2022
Team ID	PNT2022TMID51001
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard

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

Product Backlog, Sprint Schedule, and Estimation

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.	2	High	GOPI SANKAR.P
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	DINESH KUMAR.M
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	KOWSHIK.R
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	VIJAY .M
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	DINESH KUMAR.M
Sprint-2	Dashboard	USN-6	Able to view only his medical records	2	High	GOPI SANKAR.P
Sprint-2		USN-7	View the possibilities of occurrence of heart disease	1	High	KOWSHIK.R
Sprint-3	Helpdesk	USN-8	Admin be able to view queries	2	High	VIJAY M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Registration	USN-9	Admin can able to answer queries	2	High	GOPI SANKAR.P
Sprint-4	User Profile	USN-10	Able to update user profile records	1	Medium	DINESH KUMAR.M
Sprint-4		USN-11	Add to users or delete to users	2	High	KOWSHIK.R
Sprint-4		USN-12	Able to view/organize the user details	1	High	VIJAY .M

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	10	5 Days	24 Oct 2022	29 Oct 2022	10	29 Oct 2022
Sprint-2	10	5 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	10	5 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	10	5 Days	14 Nov 2022	19 Nov 2022	10	19 Nov 2022

Velocity:

Imagine we have a 5-day sprint duration, and the velocity of the team is 10 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV=Sprint\ Duration/Velocity=10/5=2$$

Burn Down Charts:

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.