

## Project Planning Phase

### Project Planning (Product Backlog, Sprint Planning, Stories, Story points)

Date	29 October 2022
Team ID	PNT2022TMID49153
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
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 user, I can register for the application by entering my email, password, and confirming my password.	3	High	Gowsiksurya D
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Gowsiksurya D, Jeyasuriya v, Logesh S, Ramkumar P
Sprint-1		USN-3	As a user, I can register for the application through Facebook	5	Low	Jeyasuriya V, Gowsiksuriya D
Sprint-1		USN-4	As a user, I can register for the application through Gmail	3	Medium	Ramkumar P
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	6	High	Ramkumar P, Gowsiksurya D, Logesh S, Jeyasuriya V
Sprint-2	Dashboard	USN-6	Attractive dashboard For the Application	3	Medium	Ramkumar P, Logesh S,Jeyasuriya V
Sprint-2		USN-7	Profile - view & update your profile	5	Low	Gowsiksurya D, Ramkumar P
Sprint-2		USN-8	Home - Analyze your Heart problem	2	High	Ramkumar P, Jeyasuriya V, Gowsiksurya D, Logesh S
Sprint-2		USN-9	User fill the details to predict the disease	7	High	Gowsiksurya D Ramkumar P

Sprint-3	Support	USN-10	Get feedback from users	10	Medium	Ramkumar P, LogeshS,Gowsik suryaD
Sprint-3		USN-11	Responds to user queries via telephone, email etc.	3	Medium	Jeyasuriya V Ramkumar P
Sprint-3		USN-12	The team must respond immediately to the queries based on the priority	5	High	Ramkumar P, Jeyasuriya V,Logesh S,GowsiksuryaD
Sprint-4	System Requirements	USN-13	Hardware Requirement 1. Laptop or PC <ul style="list-style-type: none"> <li>• i5 processor system or higher</li> <li>• 4 GB RAM or higher</li> <li>• 128 GB ROM or higher</li> </ul> 2. Mobile (12.0 and above)	5	Low	Logesh S, Jeyasuria V
Sprint-4		USN-14	Software Requirement 1. Laptop or PC <ul style="list-style-type: none"> <li>• Windows 10 or higher</li> </ul> Android Studio	8	Medium	Gowsiksurya D,Logesh S,Jeyasuriya V Ramkumar P

**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	18 Oct 2022	24 Oct 2022	20	24 Oct 2022
Sprint-2	20	6 Days	26 Oct 2022	01 Nov 2022	17	01 Nov 2022
Sprint-3	20	6 Days	04 Nov 2022	11 Nov 2022	18	11 Nov 2022
Sprint-4	20	6 Days	12 Nov 2022	17 Nov 2022	13	19 Nov 2022

**Velocity:**

Imagine we have a 6-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)

$$\text{AV} = \text{Sprint duration} / \text{velocity} = 20 / 6 = 3$$