

## Sprint Delivery Plan

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

Date	06 November 2022
Team ID	PNT2022TMID02838
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	4 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.	2	High	Varuna K Subashini K
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Varuna K Subashini K
Sprint-1		USN-3	As a user, I can register for the application through Email, Google account and mobile number	2	Medium	VigneshKannaR Surya Prakash K
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	Subashini K Surya Prakash K
Sprint-2	Dashboard	USN-5	As a user, I can update my profile and medical records for analysis	5	High	Varuna K Vignesh Kanna R
Sprint-2		USN-6	As a user, I can view the accuracy of occurrence of heart disease through the report generation	3	High	Varuna K Surya Prakash K
Sprint-3	Helpdesk	USN-7	As a user, I can post my queries	3	Medium	Subashini K Vignesh Kanna R
Sprint-3		USN-8	As a customer care executive, he/she can view and answer the customer queries.	5	High	Subashini K Surya Prakash K
Sprint-4	User profile	USN-9	As an admin, he/she can update the health details of the users	1	High	Varuna K
Sprint-4		USN-10	As an admin, he/she can add or delete users	2	High	Subashini K Vignesh Kanna R
Sprint-4		USN-11	As an admin, he/she can manage the user details	5	High	Vignesh Kanna R Surya Prakash K

### 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	8	6 Days	24 Oct 2022	29 Oct 2022	8	06 Nov 2022
Sprint-2	8	6 Days	31 Oct 2022	05 Nov 2022	8	09 Nov 2022
Sprint-3	8	6 Days	07 Nov 2022	12 Nov 2022	8	12 Nov 2022
Sprint-4	8	6 Days	14 Nov 2022	19 Nov 2022	8	19 Nov 2022

#### Velocity:

We have a 6-day sprint duration, and the velocity of the team is 8 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

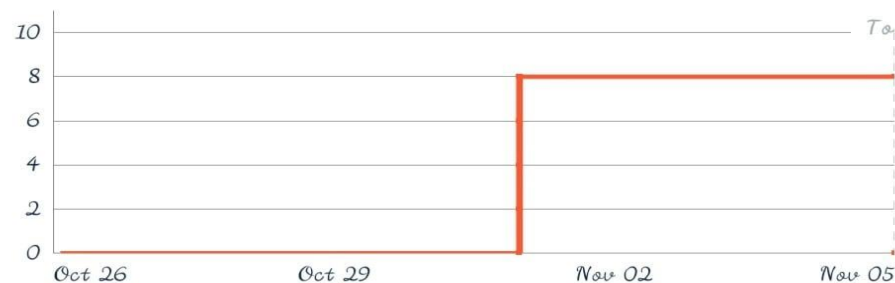
$$AV = \text{Sprint duration} / \text{Velocity} = 8 / 6 = 1.3$$

#### Burndown Chart:

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.

#### *Burndown Chart*

*VPHD Sprint 1* ▼ *Story Points* ▼



- Remaining work
- Ideal burn rate

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