

Sprint Delivery Plan

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

Date	20 October 2022
Team ID	PNT2022TMID29695
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	Parvathi S R, Sabarish A
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Prasannan S, Prathap Raj S
Sprint-1		USN-3	As a user, I can register for the application through Email, Google account and mobile number	2	Medium	Parvathi S R, Prasannan S
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	Parvathi S R, Sabarish A
Sprint-2	Dashboard	USN-5	As a user, I can update my profile and medical records for analysis	5	High	Sabarish A, Prasannan S
Sprint-2		USN-6	As a user, I can view the accuracy of occurrence of heart disease through the report generation	3	High	Parvathi S R, Prathap Raj S
Sprint-3	Helpdesk	USN-7	As a user, I can post my queries	3	Medium	Prasannan S, Prathap Raj S
Sprint-3		USN-8	As a customer care executive, he/she can view and answer the customer queries.	5	High	Sabarish A, Parvathi S R
Sprint-4	User profile	USN-9	As an admin, he/she can update the health details of the users	1	High	Prathap Raj S
Sprint-4		USN-10	As an admin, he/she can add or delete users	2	High	Prasannan S, Prathap Raj S
Sprint-4		USN-11	As an admin, he/she can manage the user details	5	High	Prasannan S, Parvathi S R

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	29 Oct 2022
Sprint-2	8	6 Days	31 Oct 2022	05 Nov 2022	8	05 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)

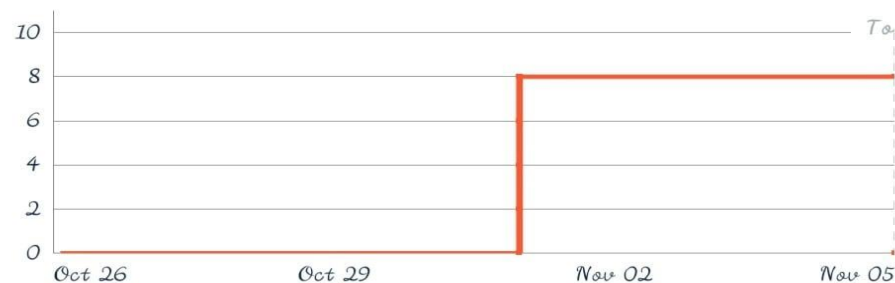
$$AV = \text{Sprint duration} / \text{Velocity} = 8 / 6 = 1.3$$

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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