

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID20350
Project Name	Project – Plasma donor application
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 requester, I can register for the application by entering my email, password, and confirming my password.	5	High	Charan, Jeydev
Sprint-1	Login	USN-2	Registered requester can log into the application by entering requester email & password	5	High	Aditya Vikram Vyas, Jeydev
Sprint-2	Dashboard	USN-3	User can search the list of available donors	10	Medium	Ashwin Muthu
Sprint-4	Access	USN-4	User can access the available donors list, then they can choose the donor who is nearby to receiver	20	Medium	Felix Jordan, Charan
Sprint-1	Registration	USN-1	As a donor, I can register for the application by entering my email, password, and confirming my password.	5	High	Aditya Vikram vyas, Jeydev
Sprint-1	Login	USN-2	Registered donor can log into the application by entering donor email & password	5	High	Aswin Muthu, Charan
Sprint-2	Dashboard	USN-3	The donor can view the request for blood plasma from requesters	10	Medium	Felix Jordan
Sprint-3	Query System	USN-4	Any user can ask their queries via Chabot which is available 24/7 to sort user issues	20	High	Charan, Felix Jordan

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	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	11 Nov 2022
Sprint-4	18	6 Days	14 Nov 2022	19 Nov 2022	18	19 Nov 2022

Total number of Days = Sprint 1+ Sprint 2+ Sprint 3 + Sprint 4 = 6 + 6 + 6 + 6 = 24

Total number of story Points = 20 + 20 + 20 + 18 = 78

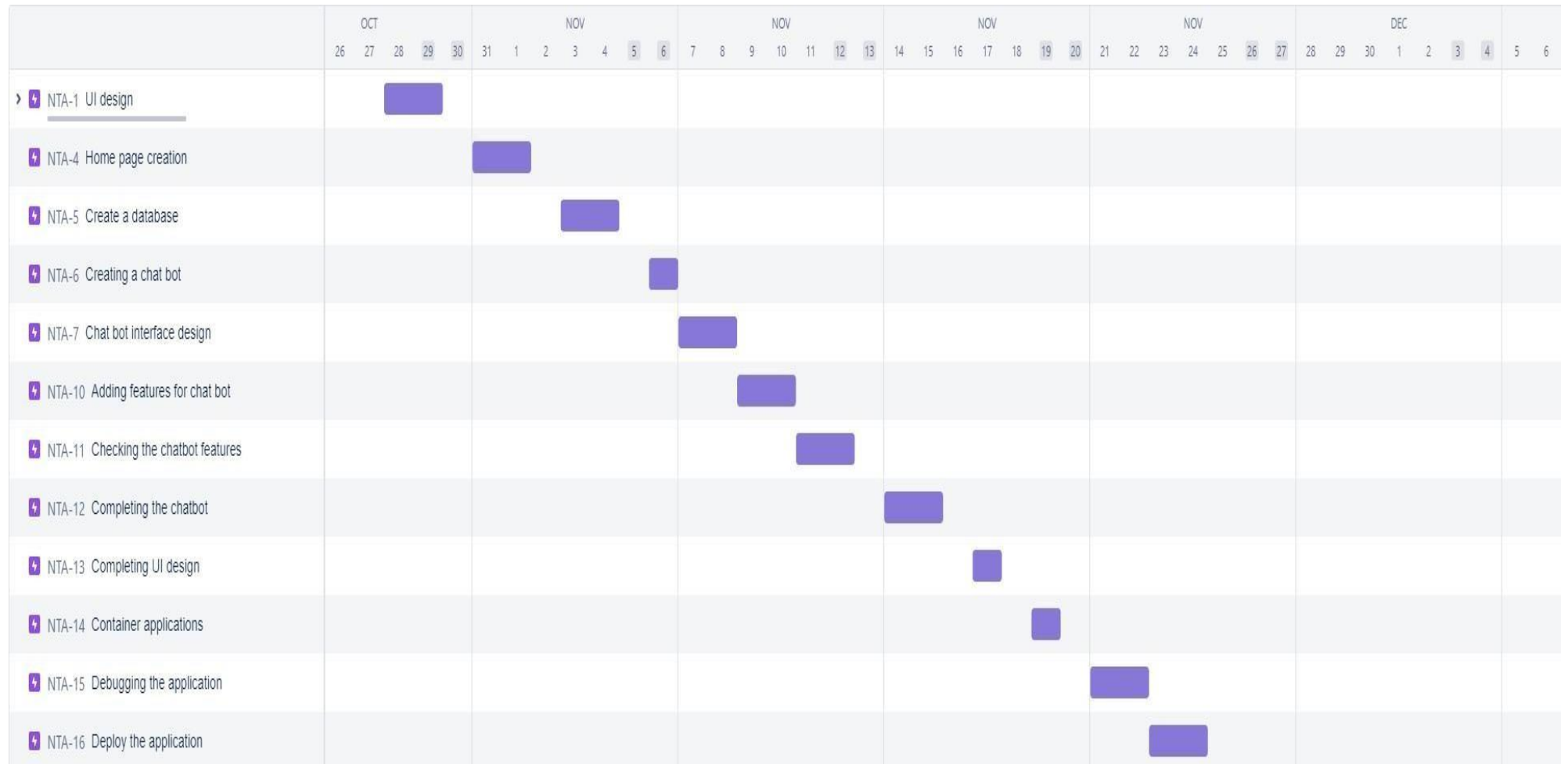
Average Velocity Per Sprint = 78/24 = 3.25

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)

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

Burndown Chart:



Burndown Chart

