

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID02206
Project Name	Plasma donor application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Release	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.	5	High	Paavai - Team lead Ponni valavan
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Sharmila M Nandhini M
Sprint-1	registration	USN-3	As a user, I can register for the application through Gmail	2	Low	Ponni valavan
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	5	High	Sharmila M Nandhini M
Sprint-2	Dashboard	USN-5	As a user,I can send the proper requests to donate and obtain plasma.	3	High	Paavai - Team lead Ponni valavan
Sprint-2	Login	USN-6	As a user,I can register and log into the application by entering email & password to view the profile	5	High	Sharmila M Nandhini M

Release	Functional Requirement (Epic)	User Story Number	User Story / Task	Story points	Priority	Team Members
Sprint-3	Application	USN-7	As a customer care executive,I can try to address user's concerns and questions	10	Medium	Paavai - Team lead
Sprint-3	Application	USN-8	As an administrator I can help with user-facing aspects of a website, like its appearance, navigation and use of media.	5	Medium	Nandhini M
Sprint-4	Web UI	USN-9	As an administrator, I can involve working with the technical side of websites.	5	Medium	Sharmila M
Sprint-3	Dashboard	USN-10	In addition the Customer care executive,chatbot can try to address user's concerns and questions	3	Medium	Ponni valavan

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	15	6 Days	24 Oct 2022	29 Oct 2022	15	29 Oct 2022
Sprint-2	8	6 Days	31 Oct 2022	05 Nov 2022	8	05 Nov 2022
Sprint-3	11	6 Days	07 Nov 2022	12 Nov 2022	11	05 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	19 Nov 2022

Velocity:

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)	Average Velocity (AV) = Sprint duration / velocity
Sprint-1	15	6 Days	24 Oct 2022	29 Oct 2022	15	29 Oct 2022	2.5
Sprint-2	8	6 Days	31 Oct 2022	05 Nov 2022	8	05 Nov 2022	1.33
Sprint-3	11	6 Days	07 Nov 2022	12 Nov 2022	11	12 Nov 2022	1.83
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	19 Nov 2022	0.83

Total number of days = sprint 1 + sprint 2 + sprint 3 + sprint 4 = 6 + 6 + 6 + 6 = 24

Total number of story points = 15 + 8 + 11 + 5 = 39

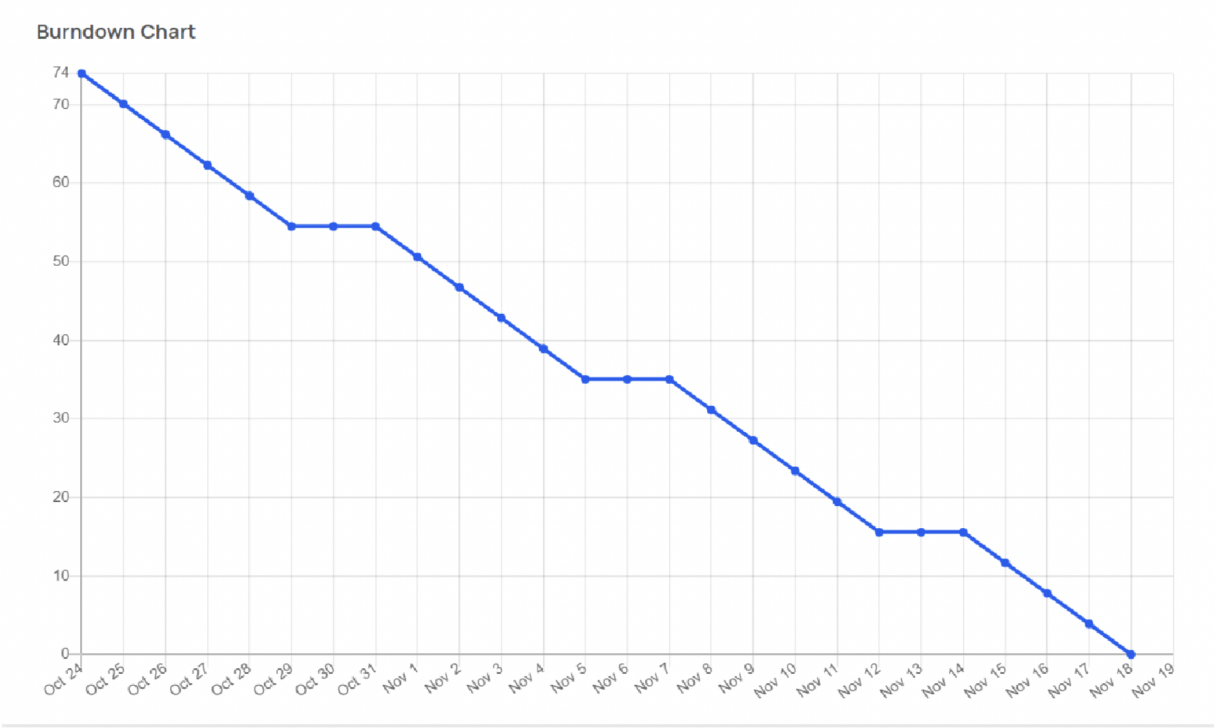
Average velocity per sprint = 39 / 24

≈ 1.6225

= 1.62

BURNDOWN CHART :

Burndown Chart:




Estimated Burndown Chart

ROAD MAP :

[Projects / ibm](#)

Roadmap

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	SEP	OCT – DEC	JAN – MAR '23	APR – JUN '23
Sprints		<div>IBM Sprint 1, I...</div> <div>IBM Sp...</div>		
> IBM-1 Login		<div></div>		
> IBM-2 Application			<div></div>	
> IBM-3 Dashboard		<div></div>		
> IBM-20 Registration		<div></div>		
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