

Project Planning Phase

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

Date	5 NOV 2022
Team ID	PNT2022TMID32524
Project Name	Plasma Donor Application
Maximum Marks	4 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Member
Sprint-1	Registration	USN – 1	User: I can register for the application by entering my email, password, and confirming my password.	4	High	Kiruthiga
		USN – 2	User: I will receive confirmation email once I have registered for the application.	3	High	Kiruthiga
		USN – 3	User: I can register for the application through Gmail.	3	Medium	Kalaiyarasi
		USN – 4	User: I will receive confirmation email in Gmail once I have registered for the application.	2	Medium	Kalaiyarasi
	Login	USN – 5	User: I can log into the application by entering email & password.	4	High	Meganzie Charles
		USN – 6	Admin: I will log into the admin portal.	4	High	Meganzie Charles
Sprint 2	Dashboard	USN – 7	User: I can see the dashboard for user.	5	High	Reshma
	Data Update	USN – 8	Donor: I can update my details regarding health profile	5	High	Reshma
		USN – 9	Receiver: I can update my requirements in the website	5	High	Kiruthiga

	Verification	USN – 10	Admin: I will update the donor details into the database after checking the health conditions of plasma donors and update their profile to plasma database.	5	High	Sheraz Jabeen
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Member
Sprint 3	Chat Bot	USN – 11	User: I can access the Chat Bot for any assistance	4	High	Kalaiyarasi
	Assistance	USN – 12	Admin: I provide assistance to users via the chat bot and fulfill the queries by the users	4	High	Meganzie Charles
	Requires Plasma	USN – 13	Receiver: I search for compatible plasma for my need.	4	High	Reshma
		USN – 14	Admin: When a request is received, I show the compatible donor for the receiver's requirements.	4	High	Kiruthiga
		USN – 15	User: I click the compatible Donor	4	High	Meganzie Charles
Sprint 4	Alert	USN – 16	Admin: I will alert the Donor through notification message.	4	High	Kalaiyarasi
	E-Mail	USN – 17	Admin: I will alert the Donor through an email message.	4	High	Reshma
	Connect	USN – 18	Admin: I will connect the Donor and receiver for the process	5	High	Kiruthiga
	Data Storing	USN – 19	Admin: I use the cloud services to maintain the user's data.	4	High	Kalaiyarasi
	Updating	USN – 20	Admin: I will frequently update the database with new data received	3	High	Meganzie Charles

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	5 Days	5 Oct 2022	10 Oct 2022	20	05 Nov 2022
Sprint-2	20	5 Days	11 Oct 2022	16Oct2022		
Sprint-3	20	5 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	5 Days	14 Nov 2022	19 Nov 2022		

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)

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