

Project Planning Phase

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

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	PDA-1	As a user, I can register for the application by entering my Name, email, password, confirming my password, Age, Blood Group.	3	High	Rithani
Sprint-3		PDA-2	As a user, I will receive confirmation email once I have registered for the application	3	Medium	Jaikerthi
Sprint-2		PDA-3	As a user, I can register for the application through Gmail	5	Medium	Naaval
Sprint-1	Login	PDA-4	As a user, I can log into the application by entering email and password	1	High	Rithani
Sprint-3		PDA-5	As a user, I can reset my password using Forgot Password option	4	Medium	Jaikerthi
Sprint-4		PDA-6	As a user, I can view my past requests for plasma donation	2	Low	Sathurakkshaya
Sprint-4		PDA-8	As a user, I can close past requests I made for plasma	2	Low	Surya
Sprint-1	Home Page	PDA-10	As a user, I can view the homepage of the website	2	Medium	Rithani
Sprint - 1	About Page	PDA-12	As a user, I can view the about page on the website and get information related to Plasma Donation	2	Medium	Sathurakkshaya
Sprint - 2	Register as Donor	PDA-13	As a user, I can register as a donor by submitting a form and uploading certificate of recovery from Covid-19	3	High	Rithani

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Send Request	PDA-14	As a user, I can raise a request for plasma donation with specific requirements through the request page.	2	High	Jaikeerthi
Sprint-3	View Requests	PDA-15	As a user, I can view requests for plasma donation verified by admin	4	Medium	Naaval
Sprint-4	Maintenance	PDA-16	As an admin, I can maintain the databases involved	2	Medium	Rithani
Sprint-2	Handle Requests	PDA-17	As an admin, I can view all requests for plasma donation	1	High	Surya
Sprint-4		PDA-18	As an admin, I can delete requests that are past some time period or have been closed	3	Low	Jaikeerthi
Sprint-2	Solving User Queries	PDA-19	Creating an ChatBot that helps to solve the queries of the user.	2	High	Naaval

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	5 Days	27 Oct 2022	31 Oct 2022		
Sprint-2	13	6 Days	1 Nov 2022	06 Nov 2022		
Sprint-3	11	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	9	6 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)

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

Burndown Chart:

A burndown 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.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

PDA

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Advanced Burndown Chart Dashboard Item

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