Project Planning Phase

Team id	PNT2022TMID49331
Project Name	Plasma Donor Application
Team Members	P.SARAVANAN, R.YASOTHA, M.VANITHA, C.PRASANTH

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	Yasotha
Sprint-3		PDA-2	As a user, I will receive confirmation email once I have registered for the application	3	Medium	Prasanth
Sprint-2		PDA-3	As a user, I can register for the application through Gmail	5	Medium	Saravanan
Sprint-1	Login	PDA-4	As a user, I can log into the application by entering emailand password	2	High	Yasotha, Saravanan
Sprint-3		PDA-5	As a user, I can reset my password using Forgot Password option	4	Medium	Prasanth
Sprint-4		PDA-6	As a user, I can view my past requests for plasma donation	3	Low	Vanitha
Sprint-4		PDA-8	As a user, I can close past requests I made for plasma	2	Low	Saravanan

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Home Page	PDA-10	As a user, I can view the homepage of the website	3	Medium	Yasotha
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	Vanitha
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	Yasotha
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	Prasanth
Sprint-3	View Requests	PDA-15	As a user, I can view requests for plasma donation verified by admin	4	Medium	Saravanan
Sprint-4	Maintenance	PDA-16	As an admin, I can maintain the databases involved	3	Medium	Yasotha
Sprint-2	Handle Requests	PDA-17	As an admin, I can view all requests for plasma donation	1	High	Saravanan, Prasanth
Sprint-4		PDA-18	As an admin, I can delete requests that are past some time period or have been closed	3	Low	Prasanth
Sprint-2	Solving User Queries	PDA-19	Creating an ChatBot that helps to solve the queries of the user.	2	High	Vanitha, Prasanth

Project Tracker, Velocity & Burndown Chart: (4 Marks)

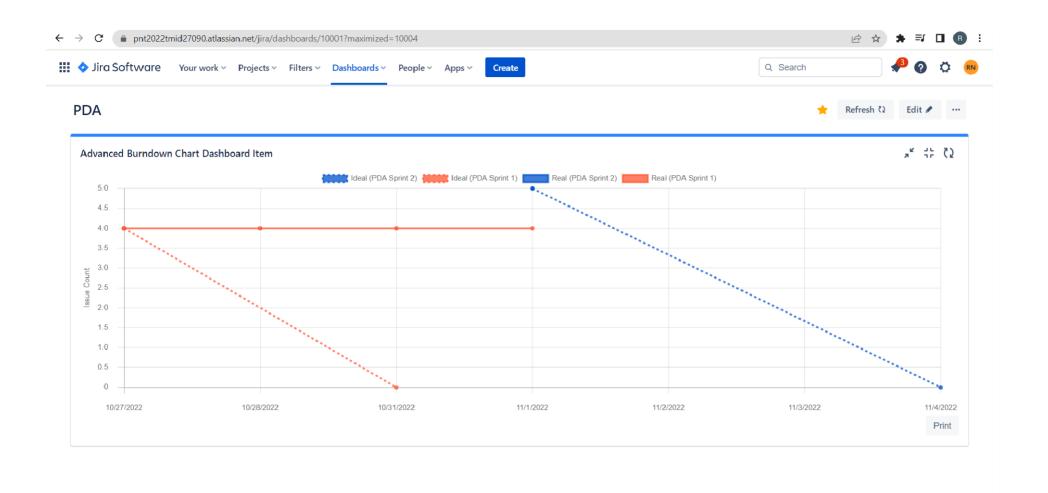| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	5 Days	27 Oct 2022	31 Oct 2022		
Sprint-2	13	6 Days	1 Nov 2022	06 Nov 2022		
Sprint-3	11	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	12	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)

$$AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{46}{23} = 2 \text{ Units}$$

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 suchas 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

	OCT				NOV						NOV						NOV						
	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21

Sprints

PDA Sprint 1	PDA Sprint 2	PDA Sprint 3	PDA Sprint 4

> PDA-7 **Registration**

> PDA-9 **Login**

> PDA-11 **Home Page**

> PDA-20 **About Page**

> PDA-21 **Register as Donor**

> PDA-22 **Send Request**

> PDA-23 **View Requests**

> PDA-24 **Maintenance**

> PDA-25 **Handle Requests**

> PDA-26 **Solving User Queries**