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

Date	22 October 2022
Team ID	PNT2022TMID10877
Project Name	Plasma Donor Application
Maximum Marks	8 Marks

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	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Karishma R Janani V
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Karishma R Janani V
Sprint-2		USN-3	As a user, I can register for the application through Gmail	2	Medium	Dhanusree R Jemimah J
Sprint-1		USN-4	As a donor I can register for plasma transformation with my blood group, email and password	1	High	Dhanusree R Karishma R
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Jemimah J Janani V
Sprint-2	Dashboard		As a User I can raise a request in case of emergency	2	High	Karishma R
Sprint-2		USN-6	I will be notified in case of emergency request from user and I can accept if I was available	3	High	Dhanusree R
Sprint-3			Instruction Page is provided for a new User for our application	1	Low	Janani V
Sprint-3		USN-7	As a Donor, Donor must submit his/her Medical Certificate	2	Medium	Jemimah J
Sprint-4			After Every plasma Donation Donor is awarded with a batches	2	Low	Janani V Jemimah J
Sprint-4		USN-8	User will get contact details of nearby plasma bank if donor is not available	1	High	Dhanusree R Karishma R

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		
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	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)

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

Burndown Chart:

A burn down 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/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts