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

Date	18 October 2022
Team ID	PNT2022TMID51754
Project Name	Project – Plasma Donor Application
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I will be able to register to application for both donor and requester	2	High	Jonah Jayasingh
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application for both donor and requester	1	High	Jonah Jayasingh, Akhil
Sprint-2		USN-3	As a user, I can retrieve my account if I forget my password for both donor and requester	2	Low	Jonah Jayasingh, Rejin
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password for both donor and requester	2	Medium	Jonah jayasingh, Ahilesh
Sprint-2	Dashboard	USN-5	As user, I can view the dashboard	1	High	Jonah Jayasingh
Sprint-3	Request Plasma	USN-6	As a user, I will request Plasma form Plasma donor	2	High	Jonah Jayasingh
Sprint-4	Updating	USN-7	As a user, I can update plasma donor's donation information	2	Medium	Jonah Jayasingh, Rejin

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Notification	USN-8	As a user, I should get notification if donor accept the donation	2	Low	Jonah jayasingh, Ahilesh

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	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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