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

Date	18 October 2022
Team ID	PNT2022TMID15585
Project Name	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 can register for the application by entering my email, password, and confirming my password.	2	High	Chrissy Panfile V
Sprint-1	Registration verification	USN-2	As a user, I will receive confirmation email onceI have registered for the application	2	High	Anandhitha TR
Sprint-2	Registration from Facebook	USN-3	As a user, I can register for the applicationthrough Facebook	2	High	Anandhitha T R
Sprint-2	Registration from Gmail	USN-4	As a user, I can register for the applicationthrough Gmail	2	Medium	Chrissy Panfila V
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Chrissy Panfile V
Sprint-3	Dashboard	USN-6	As a user, I can view donor details in dashboard	5	Very High	Chrissy Panfile V,Anandhitha TR

Sprint-3	Add to list	USN-7	As a user, I can add donors to list and send request to them	2	High	Sai Jahnvi,Sravya Sravani
Sprint-4	Notify request	USN-8	As a user, I can get email notification when any request arrives for me.	5	Very high	Sai Jahnvi,Sravya Sravani
Sprint-3	Dashboard	USN-9	As a user,I can view donors by filtering based on location and age	2	High	Anandhitha TR,Chrissy Panfila
Sprint-2	Profile	USN-10	As a user,I can edit my details from profile	2	High	Chrissy Panfile V,Sai Jahnvi
Sprint-4	Bot	USN-11	As a user,I can get frequently asked questions answered by a bot.	2	Medium	Sravya Sravani,Anandhitha TR

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	31 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	07 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	14 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/burndown-charts

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

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

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