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

Team ID	PNT2022TMID14991
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	Donor Registration	USN-1	As a user, I can register in the donor application by entering my name, phone_no, Email id, blood group ,aadhar no	9	High	Yamuna V,Monika M
Sprint-1	Login	USN-2	As a admin, I can log into the application by entering email & password	9	High	Swetha R , Amrisha R R
Sprint-1	Chatbot	USN-3	As a user I can ask query in chatbot.	2	Medium	Monika M
Sprint -2	Confimation	USN-4	As a user, I can receive confirmation mail.	4	Medium	Swetha R
Sprint - 2	Dashboard	USN-5	As a user, I can view dashboard and select	5	Medium	Yamuna V
Sprint-2	View Donor List	USN-6	As a user, I can view all the donor list and contact them directly	9	High	Amrisha R R, Yamuna V
Sprint-2	Search Donor	USN-7	As a user, I can search for the donor	9	Medium	Swetha R , Monika M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	About us	USN-8	As a User, I can view the about us page which contains all contact information	5	Medium	Amrisha R R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Modify data	USN-9	As a admin, I can modify the User data.	9	High	Yamuna V, Monika M, Amrisha R R, Swetha R
Sprint-3	Send mail	USN-10	As a user, I can send mail to donors using sendgrid.	9	High	Yamuna V, Monika M, Amrisha R R, Swetha R
Sprint-3	Home page	USN-11	As a user I can view the home page and select the desired option.	9	Medium	Yamuna V, Monika M, Amrisha R R, Swetha R
Sprint -4	Send Query	USN-12	As a user I can ask my query through email.	9	Medium	Yamuna V, Monika M, Amrisha R R, Swetha R
Sprint-4	Download data	USN-13	As a admin I can download the user data	9	High	Yamuna V, Monika M, Amrisha R R, Swetha 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	28 Oct 2022	2 Nov 2022	20	15 Nov 2022
Sprint-2	20	6 Days	3 Nov 2022	10 Nov 2022	20	15 Nov 2022
Sprint-3	20	6 Days	11 Nov 2022	18 Nov 2022	20	18 Nov 2022
Sprint-4	20	6 Days	19 Nov 2022	26 Nov 2022	20	26 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)

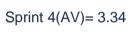$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Velocity:

AV=20/6=3..333…

Sprint 1(AV)= 3.34

Sprint 2(AV)= 3.34

Sprint 3(AV)= 3.34

Sprint 4(AV)= 3.34

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.

Burndown Chart