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

Date	18 October 2022
Team ID	PNT2022TMID27241
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	Team Lead (Harithaa S)
Sprint-1	Login	USN-2	As a admin, I can log into the application by entering email & password	9	High	Harithaa S
Sprint-1	Chatbot	USN-3	As a user I can ask query in chatbot.	2	Medium	Harithaa S
Sprint -2	Confirmation	USN-4	As a user, I can receive confirmation mail.	4	Medium	Deepika A
Sprint - 2	Dashboard	USN-5	As a user, I can view dashboard and select	5	Medium	Deepika A
Sprint-2	View Donor List	USN-6	As a user, I can view all the donor list and contact them directly	9	High	Deepika A
Sprint-2	Search Donor	USN-7	As a user, I can search for the donor	9	Medium	Narmadha D
Sprint-3	About us	USN-8	As a User, I can view the about us page which contains all contact information	5	Medium	Narmadha D

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	Narmadha D
Sprint-3	Send mail	USN-10	As a user, I can send mail to donors using sendgrid.	9	High	Kamal anand
Sprint-3	Home page	USN-11	As a user I can view the home page and select the desired option.	9	Medium	Kamal anand
Sprint -4	Send Query	USN-12	As a user I can ask my query through email.	9	Medium	Kamal anand
Sprint-4	Download data	USN-13	As a admin I can download the user data	9	High	Harithaa S

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	5 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)

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

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