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

Date	9 November 2022
Team ID	PNT2022TMID24313
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 v.p.Sivani
Sprint-1	Login	USN-2	As a admin, I can log into the application by entering email & password	9	High	Team Lead v.p.Sivani
Sprint-1	Chatbot	USN-3	As a user I can ask query in chatbot.	2	Medium	Team Lead v.p.Sivani
Sprint -2	Confimation	USN-4	As a user, I can receive confirmation mail.	4	Medium	Team Lead v.p.Sivani
Sprint - 2	Dashboard	USN-5	As a user, I can view dashboard and select	5	Medium	Sneha.J
Sprint-2	View Donor List	USN-6	As a user, I can view all the donor list and contact them directly	9	High	Team Lead v.p.Sivani
Sprint-2	Search Donor	USN-7	As a user, I can search for the donor	9	Medium	Team Lead v.p.Sivani
Sprint-3	About us	USN-8	As a User, I can view the about us page which contains all contact information	5	Medium	Dilli babu

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	Team Lead v.p.Sivani
Sprint-3	Send mail	USN-10	As a user, I can send mail to donors using sendgrid.	9	High	v.p.Sivani Chandra sekar Sneha.J
Sprint-3	Home page	USN-11	As a user I can view the home page and select the desired option.	9	Medium	v.p.Sivani Sneha.J Dilli babu Chandra sekar
Sprint -4	Send Query	USN-12	As a user I can ask my query through email.	9	Medium	v.p.Sivani Chandra sekar
Sprint-4	Download data	USN-13	As a admin I can download the user data	9	High	v.p.Sivani

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
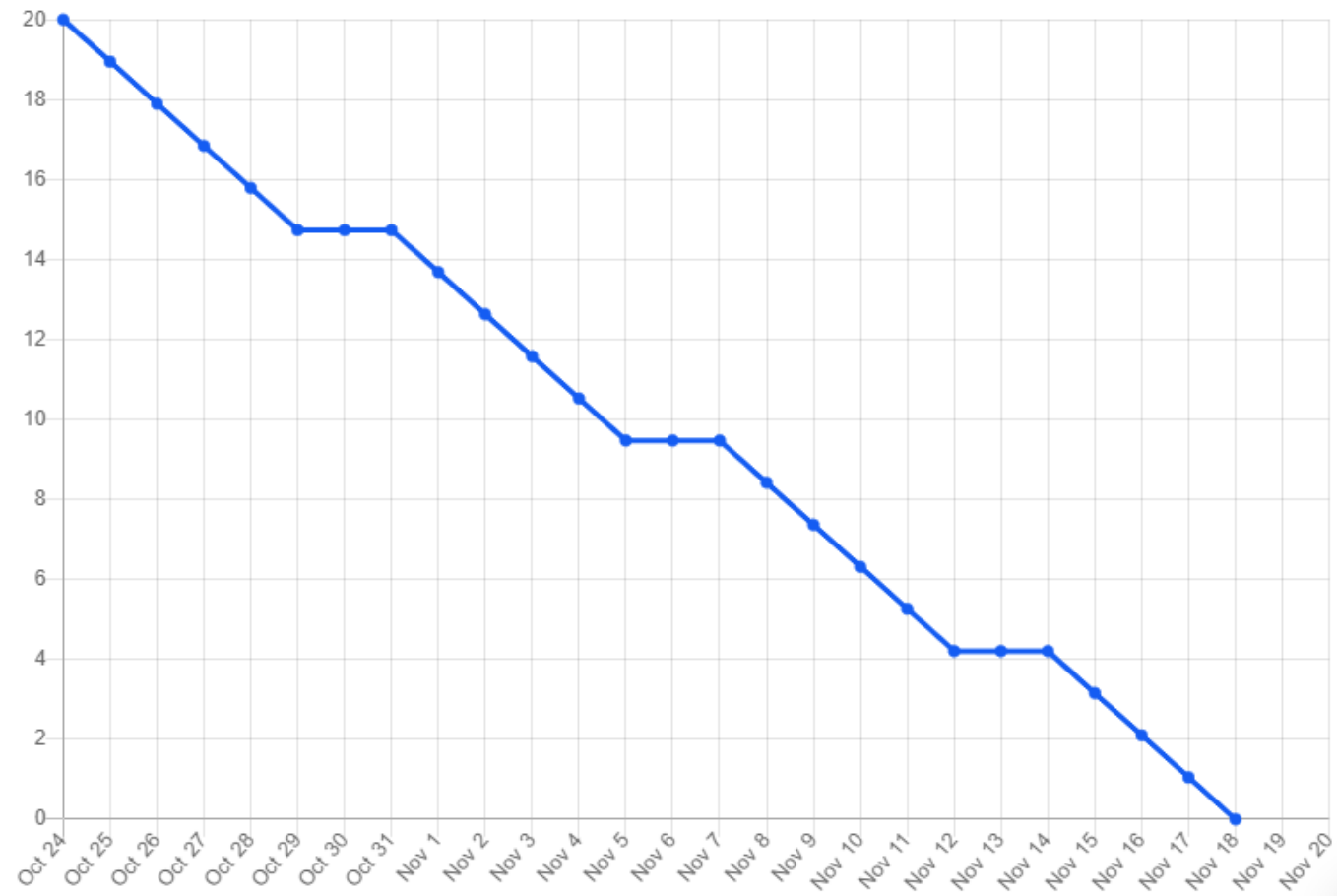
Sprint 2(AV)= 3.34

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

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