

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID32645
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	Login	USN-1	As a admin , I can login into the application using username and password..	2	High	Team lead Team member 1
Sprint-1	Registration	USN-2	As a user , I will register in the application using name, blood group , gender , phone number , address , email and password.	2	High	Team member 2
Sprint-2	Donor table	USN-3	Create a donor table to store the details of donor.	2	Low	Team lead Team member 3
Sprint-1	Request	USN-4	As a user, I can make a request using patient details like name , disease , blood group and hospital address.	2	Medium	Team member 3
Sprint-1	Home page	USN-5	As a user, I can navigate from request and donor page.	8	High	Team member 1 Team member 2
Sprint -3	Modify data	USN -6	As a admin , i can modify the user data.	8	High	Team lead
Sprint -2	Request table	USN -7	Create a request table to store the details.	5	Medium	Team member 1

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint -2	User table	USN - 8	Create an user table to store their details.	8	High	Team member 2
Sprint -3	Process request	USN -9	Process requests fetch with eligible donors	8	High	Team lead
Sprint - 4	Send mail	USN -10	Send the mail to eligible donors	8	High	Team member 3
Sprint - 4	Download data	USN - 11	As a admin , i can download the data.	8	High	Team member 1

#### 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	7-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)

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

$$AV=20/6=3.333.....$$

$$\text{Sprint 1}(AV)=3.34$$

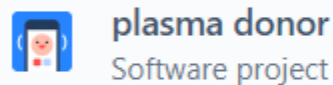
$$\text{Sprint 2}(AV)=3.34$$

$$\text{Sprint 3}(AV)=3.34$$

$$\text{Sprint 4}(AV)=3.34$$

**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.



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## Reports

Overview

Burnup report

Sprint burndown chart

Cumulative flow diagram

Cycle time report

Projects / plasma donor / Reports

# Sprint burndown chart

Sprint

PD Sprint 1

Estimation field

Issue count

**Date** - August 24th, 2022 - August 29th, 2022



**Remaining work**

Number of issues left to complete this sprint




**Guideline**

Ideal burn rate

Today





 **plasma donor**  
Software project

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## Reports

Overview

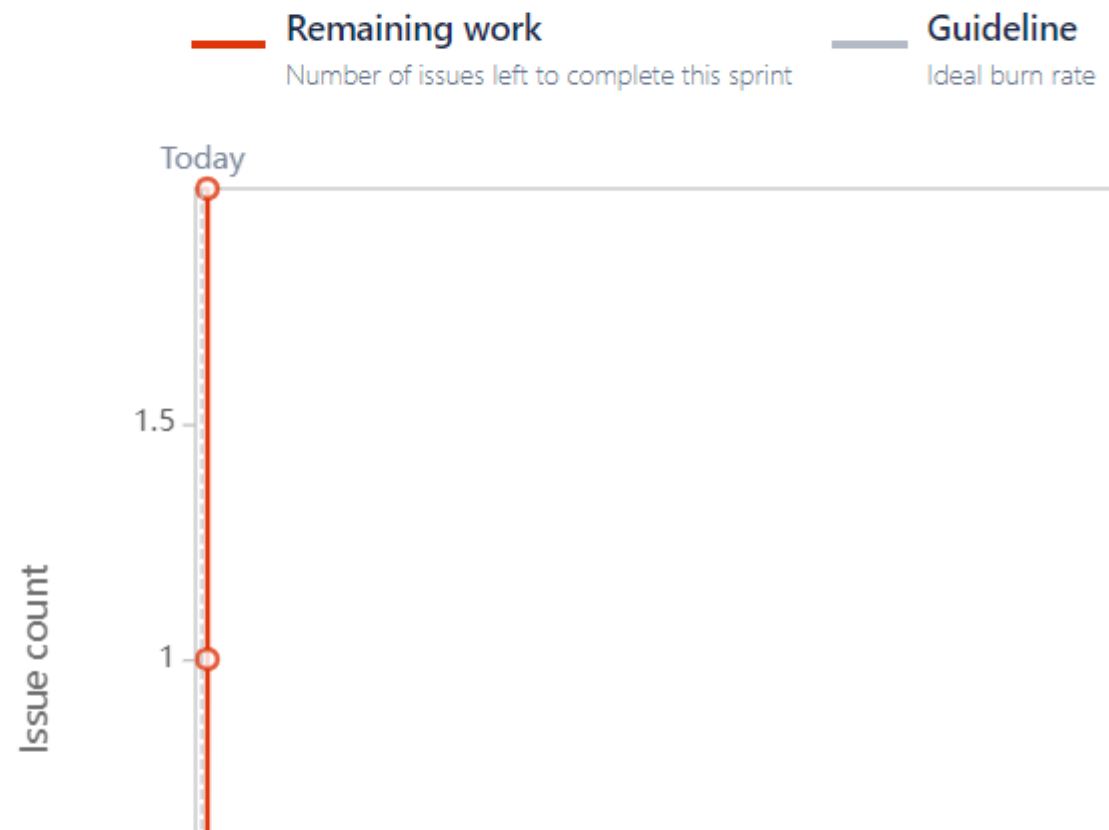
Burnup report

**Sprint burndown chart**

Cumulative flow diagram

Cycle time report

**Date** - August 24th, 2022 - August 29th, 2022



<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>