

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID40352
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	GOWTHAM
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	KANISHKAR
Sprint-1		USN-3	As a user, I can register for the application through Gmail.	1	Medium	KIRUBANITHI
Sprint-2	Login	USN-4	As a user, I can login into the application by entering email & password.	2	High	LOKESH
Sprint-2	Dashboard	USN-5	As a user, I can send the proper request to donate and obtain plasma.	2	High	GOWTHAM
Sprint-2	Login	USN-6	As a user, I can register and login into the application by entering email & password to view the profile.	2	High	KIRUBANITHI
Sprint-3	Dashboard	USN-7	As a user, I can send the proper request to donate and obtain plasma.	2	High	KANISHKAR
Sprint-3	Application	USN-8	As a customer care executive, I can try to address user's concerns and questions.	1	Medium	LOKESH

Sprint-3	Application	USN-9	As an administrator, I can help with user-facing aspects of a website, like its appearance, navigation and use of media.	1	Medium	GOWTHAM
Sprint-4		USN-10	As an administrator, I can involve working with the technical side of websites.	2	Medium	KIRUBANITHI
Sprint-4	Dashboard	USN-11	In addition the Customer care executive, chatbot can try to address user's concern and questions.	2	Medium	LOKESH

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	05	6 Days	24 Oct 2022	29 Oct 2022	05	29 Oct 2022
Sprint-2	06	6 Days	31 Oct 2022	05 Nov 2022	06	05 Nov 2022
Sprint-3	04	6 Days	07 Nov 2022	12 Nov 2022	04	12 Nov 2022
Sprint-4	04	6 Days	14 Nov 2022	19 Nov 2022	04	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)

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

$$AV(\text{Sprint 1}) = 5/6 = 0.8$$

$$AV(\text{Sprint 2}) = 6/6 = 1$$

$$AV(\text{Sprint 3}) = 4/6 = 0.6$$

$$AV(\text{Sprint 4}) = 4/6 = 0.6$$

$$AV(\text{Total}) = 19/24 = 0.8$$

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.

← → ↻ 🔒 pnt2022tmd40352.atlassian.net/jira/software/projects/PDA/boards/1/backlog

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Projects / Plasma Donor Application

Backlog

🔍 G1 👤 Epic ▾ Insights

▼ PDA Sprint 1 24 Oct – 29 Nov (3 issues) 0 5 0 Complete sprint

- PDA-1 As a user, I can register for the application by enteri... 2 IN PROGRESS G1
- PDA-2 As a user, I will receive confirmation email once I ha... 2 IN PROGRESS G1
- PDA-3 As a user, I can register for the application through ... 1 IN PROGRESS G1

+ Create issue

▼ PDA Sprint 2 Add dates (3 issues) 6 0 0 Start sprint

- PDA-4 As a user, I can login into the application by entering emai... 2 TO DO G1
- can send the proper request to donate and ob... 2 TO DO G1

Quickstart

- ✓ Create a project ▾
- ✓ Deliver more often with scrum ▾
- ✓ Create an issue ▲

Issue

Issues are individual pieces of work that you assign to teammates.

Issues can be tasks or stories.

Show me View issue tutorial

- ✓ Invite your teammates ▾

Dismiss Quickstart

<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>