

## Project Planning Phase

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

Date	27 October 2023
Team ID	591290
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard
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 patient, I can upload my past health information and test results during the registration process.	2	Medium	Kesavarshini, Priyanka
Sprint-1		USN-2	As a patient, I can create an account by entering my name, age, gender, and contact details.	4	High	Kesavarshini, Priyanka, Samyata, Charan Sai

Sprint-1	Login	USN-3	As a patient, I can log into my account using my email and a secure password.	4	High	Kesavarshini, Priyanka, Samyata, Charan Sai
Sprint-2	Dashboard	USN-4	As a patient, I can view my customized health dashboard, which includes vital signs and suggested treatments.	2	Medium	Samyata, Charan Sai
Sprint-1	Registration	USN-5	As a doctor, I can sign up by submitting information about my medical license and contact data.	4	High	Kesavarshini, Priyanka, Samyata, Charan Sai
Sprint-1	Login	USN-6	As a doctor, I can log in using my email and a secure password.	4	High	Kesavarshini, Priyanka, Samyata, Charan Sai
Sprint-2	View Patient Records	USN-7	As a doctor, I can view a patient's medical history and diagnostic data for analysis.	3	High	Kesavarshini, Priyanka, Samyata
Sprint-1	User Management	USN-8	As an administrator, I can manage user accounts by adding, modifying, or deleting user profiles.	2	Low	Priyanka, Samyata
Sprint-2	Access Control	USN-9	As an administrator, I can access controls that	1	Low	Charan Sai

			depend on roles to make sure that only unauthorized people can read or alter patient records.			
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#### 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	10 Days	27 Oct 2023	05 Nov 2023	16	05 Nov 2023
Sprint-2	6	10 Days	07 Nov 2023	16 Nov 2023	5	16 Nov 2023
Sprint-3	-	-	-	-	-	-
Sprint-4	-	-	-	-	-	-

### Velocity:

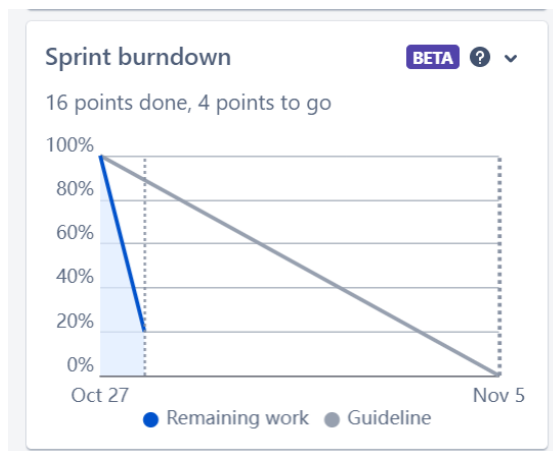
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

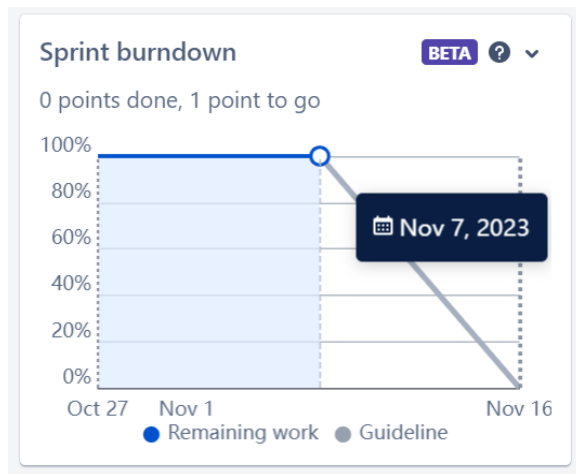
### Burndown Chart:

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.

#### SPRINT-1



## SPRINT-2



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>