

Project Planning Phase

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

Date	27 October 2023
Team ID	Team-591178
Project Name	Art Of Centuries: Virat Kohli's 71 Masterstrokes Visualized with Tableau
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	Century Exploration	USN-1	As a cricket enthusiast, I want to access a user-friendly web application where I can explore Virat Kohli's 71 centuries, view detailed statistics, and watch video clips, so I can relive his best moments.	3	High	Vivek
Sprint-1	Filtering and Analysis	USN-2	As a cricket analyst, I want to be able to filter centuries by different match formats (Test, ODI, T20) and teams faced by Virat Kohli, so I can analyze his performance in different contexts.	2	High	Vishnu
Sprint-1	Social Sharing	USN-3	As a cricket journalist, I want to easily share and embed Virat Kohli's century data and video clips in my articles or reports, to provide my readers with engaging content.	2	Medium	Gowtham
Sprint-1	Social Sharing	USN-4	As a social media manager, I want to have social sharing functionality integrated into the application, allowing users to share their favorite centuries and moments on social platforms, increasing engagement	2	Medium	Gowtham
Sprint-2	Filtering and Analysis	USN-5	As a casual cricket viewer, I want a userfriendly search feature to quickly find specific centuries by keywords or match details, making it easier for me to access my favorite moments.	1	Low	Vivek

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	9	9 Days	18 Sept 2023	30 Sept 2023	7	27 Oct 2023
Sprint-2	3	5 Days	02 Oct 2022	06 Oct 2023	3	27 Oct 2023

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)

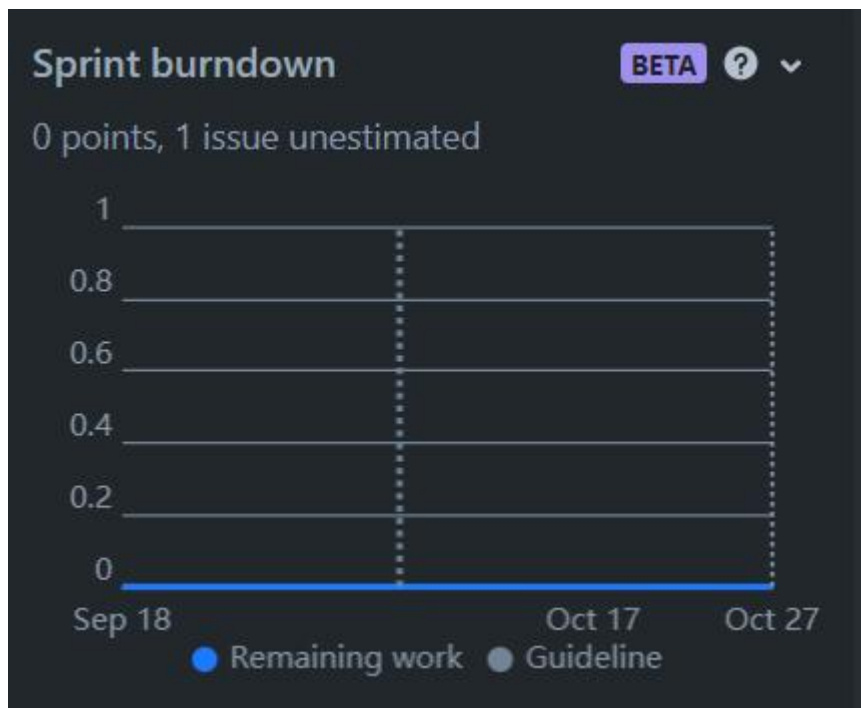
$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Sprint 1 Velocity = 1

Sprint 2 Velocity = 0.6

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.



<https://vivekvardhan.atlassian.net/jira/software/projects/PI71/boards/3/backlog?epics=visible>

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>