

Project Planning Phase

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

Date	27 October 2023
Team ID	Team-591627
Project Name	T20 Totalitarian: Mastering Score Predictions
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
1	Data Collection	USN-1	Gather past T20 match data	8	High	Numan
1	Data Collection	USN-2	Clean and preprocess data	7	High	Hemanth
1	Data Collection	USN-3	Define data structure and storage (e.g., database)	5	Medium	Prathap
2	Model Development	USN-4	Choose appropriate machine learning algorithm	5	High	Hemanth
2	Model Development	USN-5	Train initial prediction model	8	High	Prathap
2	Model Development	USN-6	Evaluate model performance	7	High	Numan
3	User Interface	USN-7	Design a user-friendly interface	4	Medium	Prathap
3	User Interface	USN-8	Implement interface with model integration	6	Medium	Numan

3	Final Testing and Deployment	USN-9	Conduct end-to-end system tests	4	High	Hemanth
3	Final Testing and Deployment	USN-10	Deploy to production environment	6	High	Numan

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
1	20	8 days	Oct 15, 2023	Oct 23, 2023	20	Oct 24, 2023
2	20	8 days	Oct 24, 2023	Oct 31, 2023	20	Nov 1, 2023
3	20	8 days	Nov 1, 2023	Nov 8, 2023	18	Nov 9, 2023

Velocity:

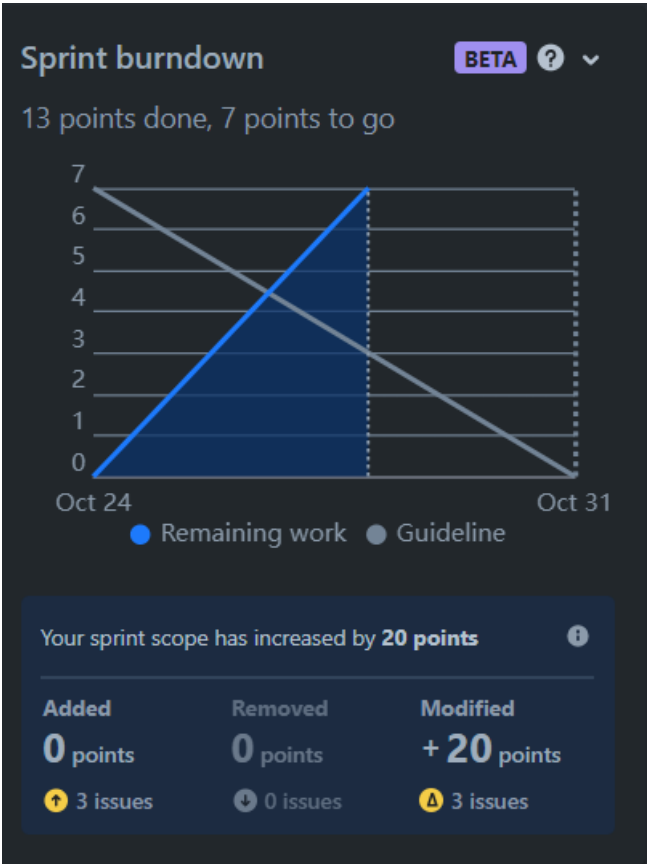
Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Average Velocity = Sprint duration / velocity

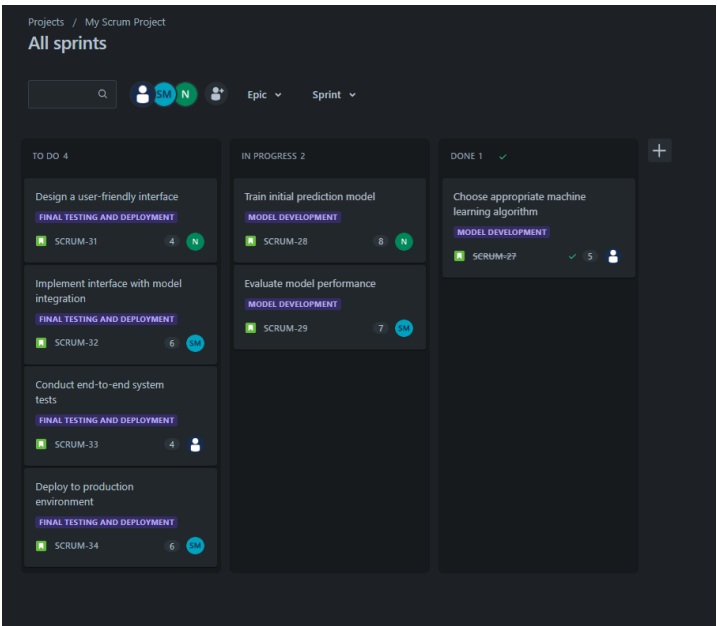
$$= 24/20$$

$$= 1.2$$

Burndown Chart:



Board Section:



Backlog Section:

Epic

Issues without epic

> Data Collection

> Model Development

> Final Testing and Deployment

+ Create epic

Sprint 224 Oct – 31 Oct (3 issues)

Model Development

SCRUM-27 Choose appropriate machine learning algorithm

MODEL DEVELOPMENT

DONE

5

SCRUM-28 Train initial prediction model

MODEL DEVELOPMENT

IN PROGRESS

8

N

SCRUM-29 Evaluate model performance

MODEL DEVELOPMENT

IN PROGRESS

7

ML

+ Create issue

Sprint 31 Nov – 8 Nov (4 issues)

Final Testing and Deployment

SCRUM-31 Design a user-friendly interface

FINAL TESTING AND D...

TO DO

4

N

SCRUM-32 Implement interface with model integration

FINAL TESTING AND D...

TO DO

6

ML

SCRUM-33 Conduct end-to-end system tests

FINAL TESTING AND D...

TO DO

4

SCRUM-34 Deploy to production environment

FINAL TESTING AND D...

TO DO

6

ML

+ Create issue

Timeline Section:

Projects / My Scrum Project

Timeline

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Status category

Epic

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	OCT	OCT	NOV	NOV	NOV	NOV
	19202122	23242526272829	303112345	6789101112	13141516171819	20212223242526
Sprints	R 1, Sprint 1	Sprint 2	Sprint 3			
> SCRUM-21 Data Collection	<div></div>					
> SCRUM-26 Model Development	<div></div>					
> SCRUM-30 Final Testing and Deployme...	<div></div>					
+ Create Epic						