Project Planning Phase

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

Team ID	PNT2022TMID25845
Project Name	University Admit Eligibility Predictor
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
Sprint-1	Data collection	USN-1	As a admin,the historical data is collected for preprocessing technique.	1	Medium	POOVARASAN R NISHANTH S
Sprint-1	Data Preprocessing	USN-2	As a admin,The collected data is prepared and making it suitable for model building.	2	Medium	THIRUMANI SELVAM A MOHAN BABU B
Sprint-2	Model Building	USN-3	As a admin,a model is built using various machine learning techniques,.	2	High	NISHANTH S MOHAN BABU B
Sprint-2	Model Testing	USN-4	As a admin,the Built model has been checked for accuracy and other performance metrics.	1	High	THIRUMANI SELVAM A POOVARASAN R
Sprint-3	Integration	USN-5	As a admin,the frontend and the developed Machine Learning model is integrated using flask API	1	High	MOHAN BABU B NISHANTH S
Sprint-4	Deployment in Cloud	USN-6	As a admin,the developed application is deployed in the cloud so that it can be accessed by anyone.	2	High	THIRUMANI SELVAM A MOHAN BABU B NISHANTH S POOVARASAN R

Project Tracker, Velocity: (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	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

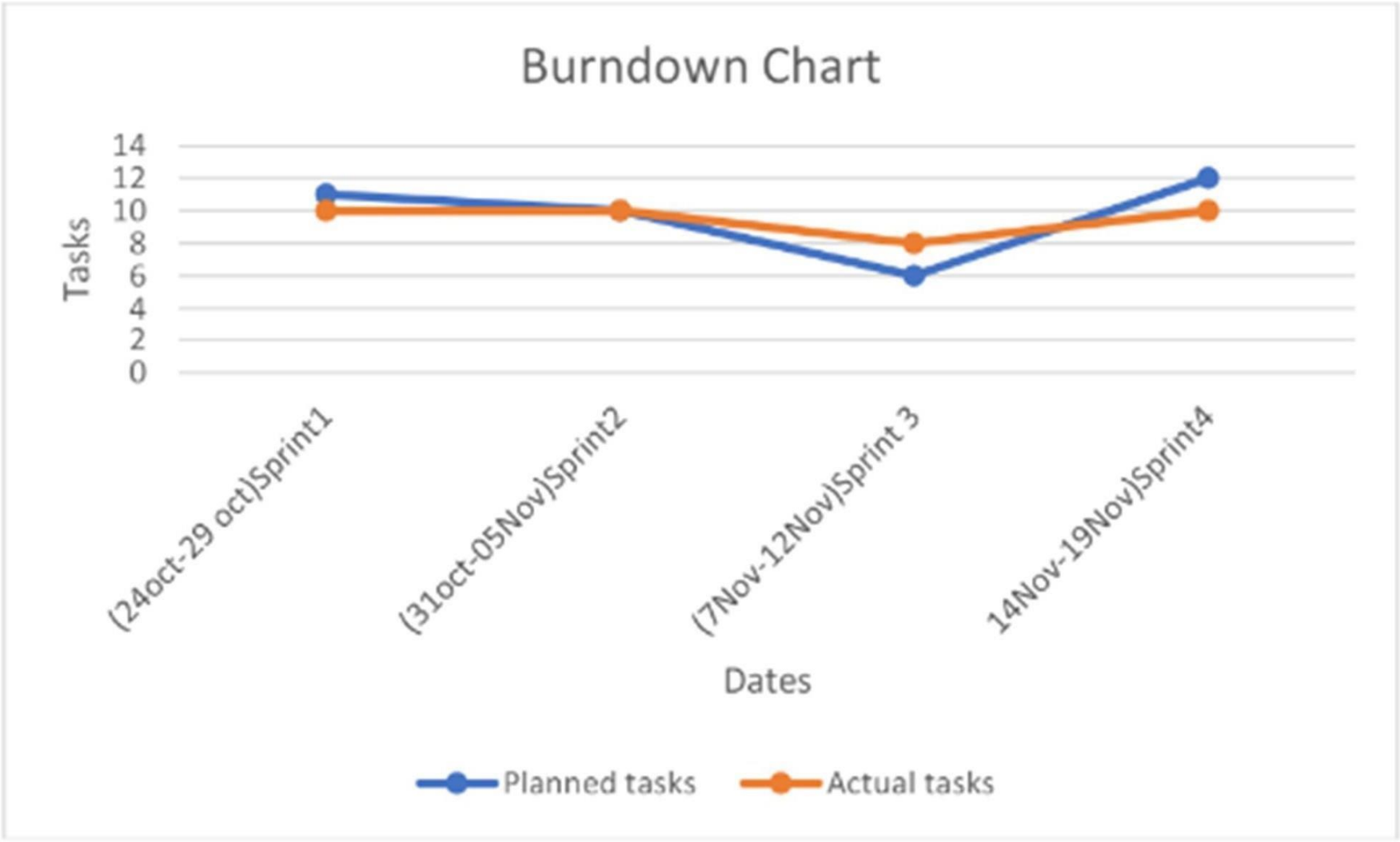
Velocity:

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)

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

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.


Burndown Chart
Tasks
14
12
10
8
6
4
2
0
(24oct-29 oct)Sprint1
(31oct-05Nov)Sprint2
(7Nov-12Nov)Sprint 3
14Nov-19Nov)Sprint4
Dates
Planned tasks
Actual tasks