

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID53103
Project Name	Project - University Admit Eligibility Predictor
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 need to collect the data and design User Interface	2	High	Sahana Nikhitha
Sprint-1		USN-2	As a user , I need to collect the data and design User Interface	1	High	Prasanna Shruti
Sprint-1		USN-3	As a user , I need to collect the data and design User Interface	2	Low	Shruti Nikhitha
Sprint-1		USN-4	As a user , I need to collect the data and design User Interface	3	Medium	Sahana Prasanna
Sprint-2	User Action	USN-5	As a user, I can access dataset of multiple universities	1	High	Sahana Nikhitha Shruti
Sprint-2	Model Building	USN-6	As a user I need the machine learning model to pre-process the data	3	High	Nikhitha Prasanna
Sprint-3	Model Training and Testing	USN-7	As a user ,I need the machine learning model to predict the chance of admission	3	High	Sahana Shruti
Sprint-3	Model Training and Testing	USN-8	As a user ,I need the machine learning model to predict the chance of admission	2	Medium	Prasanna Sahana Nikhitha Shruti
Sprint-4	Deployment	USN-9	As a user , I need the application to be accessible all over the world	1	Medium	Shruti Prasanna

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Deployment	USN-10	As a user , I need the application to be accessible all over the world	2	Medium	Nikhitha Shruti

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	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	7 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	10 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	13 Nov 2022

Velocity:

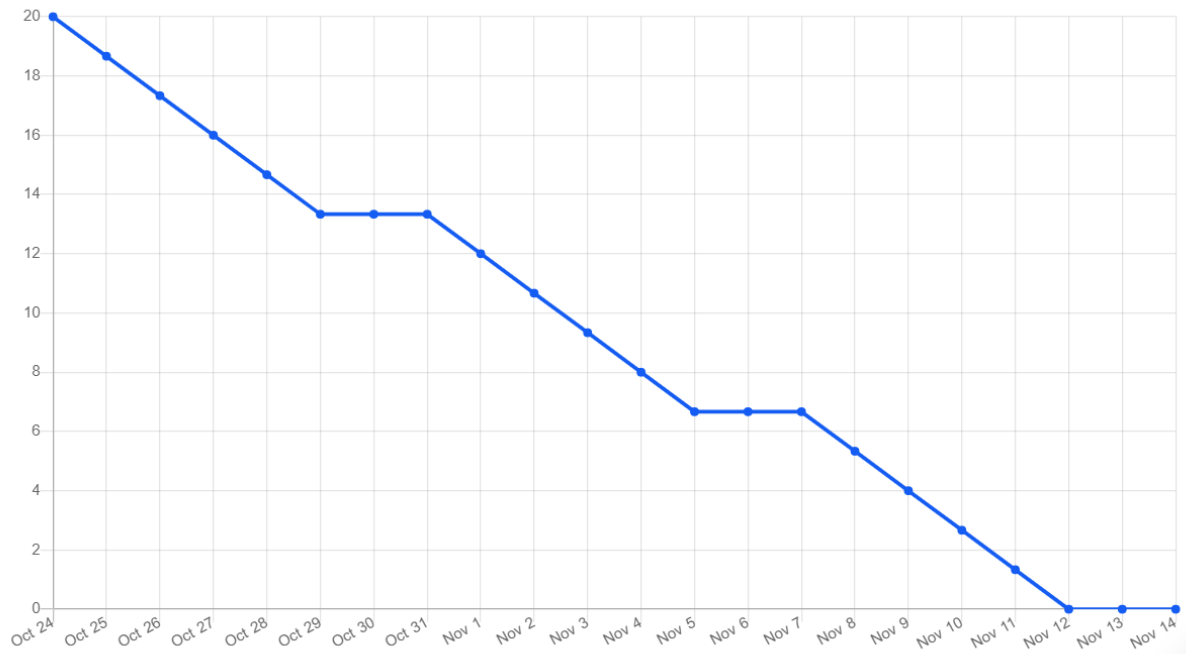
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

Burndown Chart:

A burndown 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



<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>