

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID28895
Project Name	Project - Smart Lender - Applicant Credibility Prediction for Loan Approval
Maximum Marks	8 Marks

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

Release	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint – 1	Forms	USN – 1	As a user, I can enter the data which I have and also the data which the website asks to me	6	Very High	S.KOTHAI,K,SHARMILA
Sprint – 3	Prediction	USN – 2	As I have given the data into the webpage, now the data can be predicted for the loan avail	4	Medium	R.ASHMITHA,L.KALAIVANI
Sprint – 4	Deployment of the Webpage in Cloud	USN – 3	As a user, I require global access to the web page as a user	3	Low	S.KOTHAI,K,SHARMILA
Sprint – 4	Deployment of AI model in the cloud	USN – 4	Model would be running on the Cloud	3	Low	R.ASHMITHA,L.KALAIVANI
Sprint – 2	Model building	USN – 5	I require an ML model that can categorise Credit defaulters	5	High	S.KOTHAI,K,SHARMILA
Sprint – 3	User Interface building	USN – 6	As a User, I need a medium to enter my data	4	Medium	R.ASHMITHA,L.KALAIVANI

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

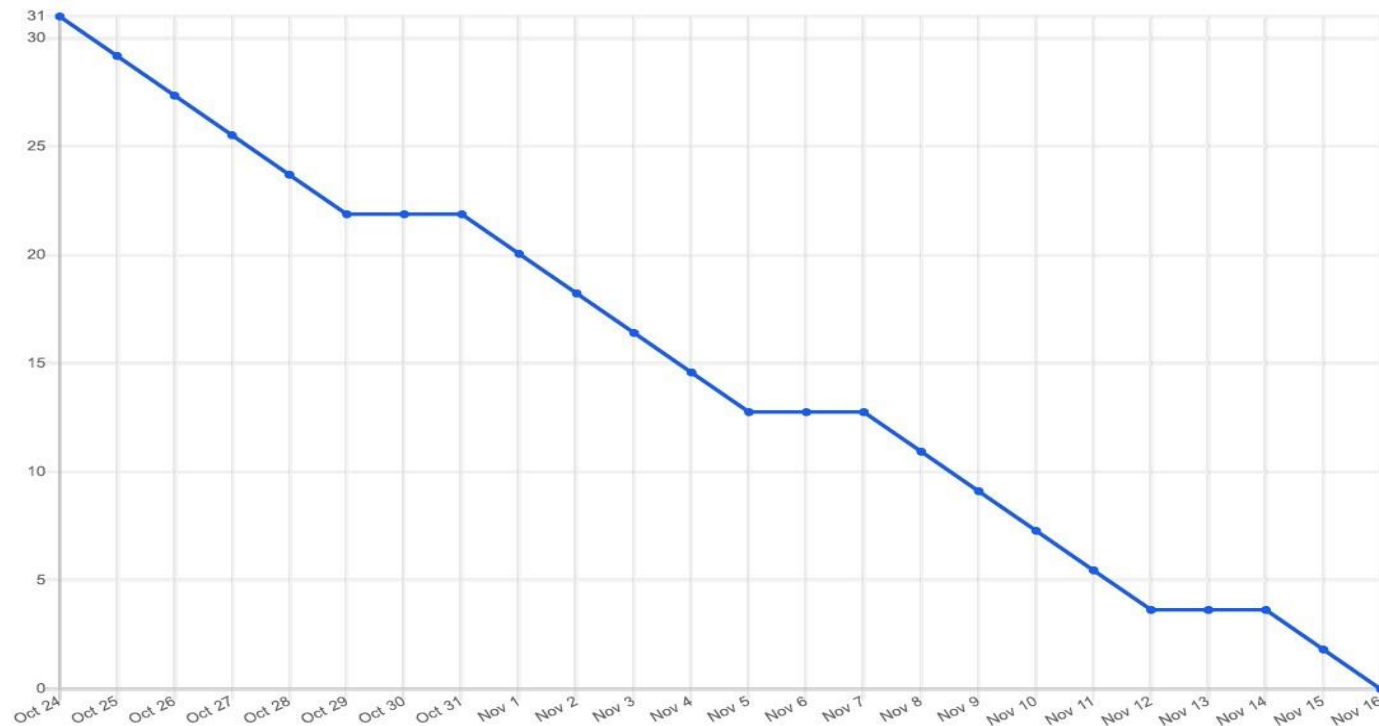
Velocity:

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)

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

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.



<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>