Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID34269
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**	Pon Malar. J, Poornima. S Prathiba. P, Chonali Nachiyar. M
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**	Pon Malar. J, Poornima. S Prathiba. P, Chonali Nachiyar. M
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**	Pon Malar. J, Poornima. S Prathiba. P, Chonali Nachiyar. M

Sprint - 4	**Deployment of AI model in the cloud**	USN - 4	Model would be running on the Cloud	3	**Low**	Pon Malar. J, Poornima. S Prathiba. P, Chonali Nachiyar. M
Sprint - 2	**Model building**	USN - 5	I require an ML model that can categorise Credit defaulters	5	**High**	Pon Malar. J, Poornima. S Prathiba. P, Chonali Nachiyar. M
Sprint - 3	**User Interface building**	USN - 6	As a User, I need a medium to enter my data	4	**Medium**	Pon Malar. J, Poornima. S Prathiba. P, Chonali Nachiyar. M

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	31Oct 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

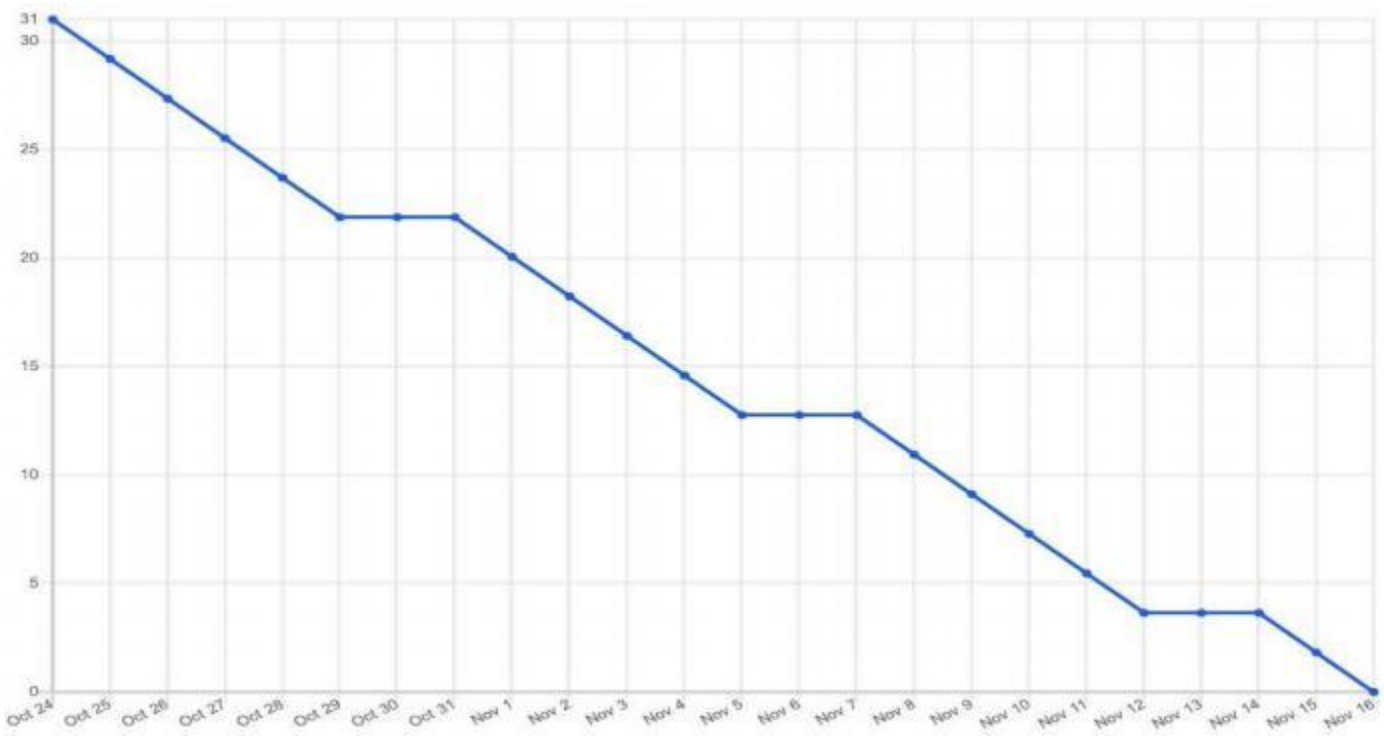
Velocity:

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)

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

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agilesoftware developmentmethodologies such asScrum. 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