Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID52586
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	Nidin S, Jeiranjeni V, Sagolsem Hironika Devi, Sanjay Pratap T K, Veipunii Lana
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	Nidin S, Jeiranjeni V, Sagolsem Hironika Devi, Sanjay Pratap T K, Veipunii Lana
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	Nidin S, Jeiranjeni V, Sagolsem Hironika Devi, Sanjay Pratap T K, Veipunii Lana

Sprint		USN					
Sprint - 4	**Deployment of AI model in the cloud**	USN - 4	Model would be running on the Cloud	3	**Low**	Nidin S, Jeiranjeni V, Sagolsem Hironika Devi, Sanjay Pratap T K, Veipunii Lana
Sprint - 2	**Model building**	USN - 5	I require an ML model that can categorise Credit defaulters	5	**High**	Nidin S, Jeiranjeni V, Sagolsem Hironika Devi, Sanjay Pratap T K, Veipunii Lana
Sprint - 3	**User Interface building**	USN - 6	As a User, I need a medium to enter my data	4	**Medium**	Nidin S, Jeiranjeni V, Sagolsem Hironika Devi, Sanjay Pratap T K, Veipunii Lana

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.
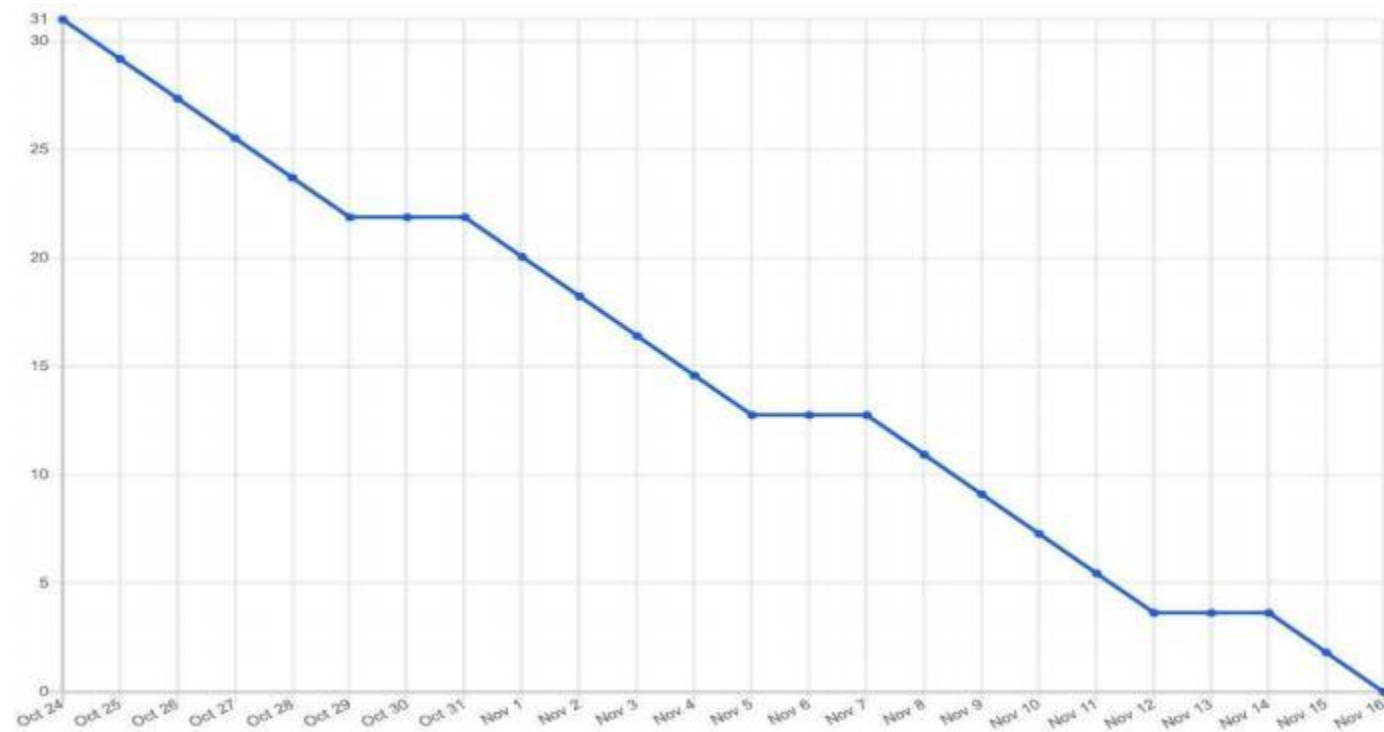
https://www.atlassian.com/agile/tutorials/burndown_charts

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