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

Date	30 October 2022
Team ID	PNT2022TMID15942
Project Name	Smart Lender – Applicant Credibility Prediction for Loan Approval
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Preparation	USN-1	Collecting loan prediction dataset and pre-processing it	10	High	Rajeshkumar A Naveen B
Sprint-1	Model Building	USN-2	Create an ML model to predict loan Approval	5	Medium	
Sprint-1	Model Evaluation	USN-3	Calculate the performance, error rate, and complexity of the ML model and evaluate the dataset based on the parameter that the dataset.	5	Medium	Rajeshkumar A Naveen B Naveen K Sanjay G
Sprint-2	Model Deployment	USN-4	We need to deploy the model and need to find the prediction.	20	Medium	
Sprint-3	Web page (Form)	USN-5	We can use the application by entering the Loan Prediction to analyze or predict the results.	20	Medium	Rajeshkumar A Naveen B Naveen K Sanjay G
Sprint-4	Dashboard	USN-6	We can predict the Loan Approval status by clicking the submit button and the application will show whether the status is approved or not.	20	High	Naveen K Sanjay G

Project Tracker:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed	Sprint Release Date
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	30 Oct 2022
Sprint-2	20	7 Days	30 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-3	20	7 Days	06 Nov 2022	12 Nov 2022	20	13 Nov 2022
Sprint-4	20	8 Days	13 Nov 2022	20 Nov 2022	20	20 Nov 2022

Velocity:

Sprint 1: 1 user stories x 20 story points = 20

Sprint 2: 1 user stories x 20 story points = 20

Sprint 3: 1 user stories x 20 story points = 20

Sprint 4: 1 user stories x 20 story points = 20

Total = 80

The average sprint velocity is $80 \div 4 = $ **20.**

Burndown Chart:

✓ A burndown chart is a graphical representation of "**WORK LEFT to do versus TIME**." It is the amount of work that has been completed in anepic or sprint and the total work remaining.

✓ Burndown charts are used to predict your team's likelihood of completing their work in the time available.