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

Date	29 October 2022
Team ID	PNT2022TMID31946
Project Name	Smart Lender - Applicant Credibility Prediction for Loan Approval
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Sandheep kumar, Jothi,Aswinkrishana,Dheena dharasan,Antony Arul Selvam
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sandheep kumar, Jothi,Aswinkrishana,Dheena dharasan,Antony Arul Selvam
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Sandheep kumar, Jothi,Aswinkrishana,Dheena dharasan,Antony Arul Selvam

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Sandheep kumar, Jothi,Aswinkrishana,Dhee nadharasan,Antony Arul Selvam
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Sandheep kumar, Jothi,Aswinkrishana,Dhee nadharasan,Antony Arul Selvam
	Dashboard					Sandheep kumar, Jothi,Aswinkrishana,Dhee nadharasan,Antony Arul Selvam

Project Tracker, Velocity & Burndown Chart: (4 Marks)

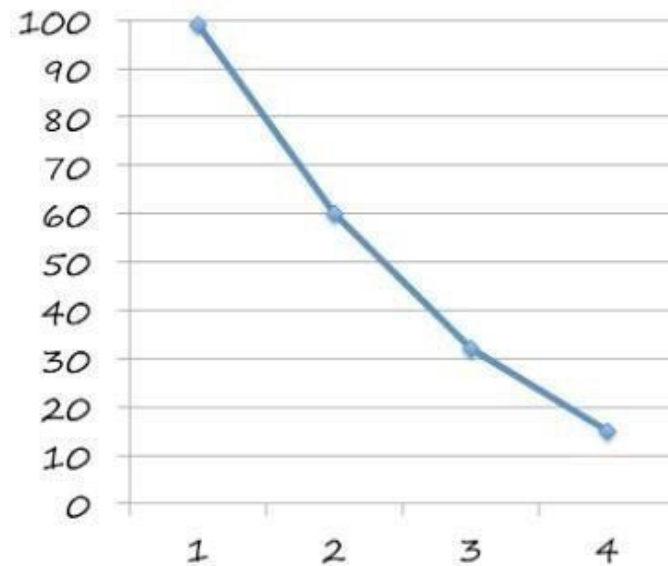| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	30 Oct 2022	04 Nov 2022		
Sprint-3	20	6 Days	06 Nov 2022	11 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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 agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

In our project, there are 4 sprint activities.

This chart is drawn by taking

X - sprint and

Y - Pending hours.