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

Date	29 October 2022
Team ID	PNT2022TMID21336
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	Abhijith V S, Aadil Khan A, Shashi Vishnu M, Sasi kumar M
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Abhijith V S, Aadil Khan A, Shashi Vishnu M, Sasi kumar M
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Abhijith V S, Aadil Khan A, Shashi Vishnu M, Sasi kumar M

Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Abhijith V S, Aadil Khan A, Shashi Vishnu M, Sasi kumar M
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Abhijith V S, Aadil Khan A, Shashi Vishnu M, Sasi kumar M
Sprint	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Story Points**	**Priority**	**Team Members**
	Dashboard					Abhijith V S, Aadil Khan A, Shashi Vishnu M, Sasi kumar 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	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		

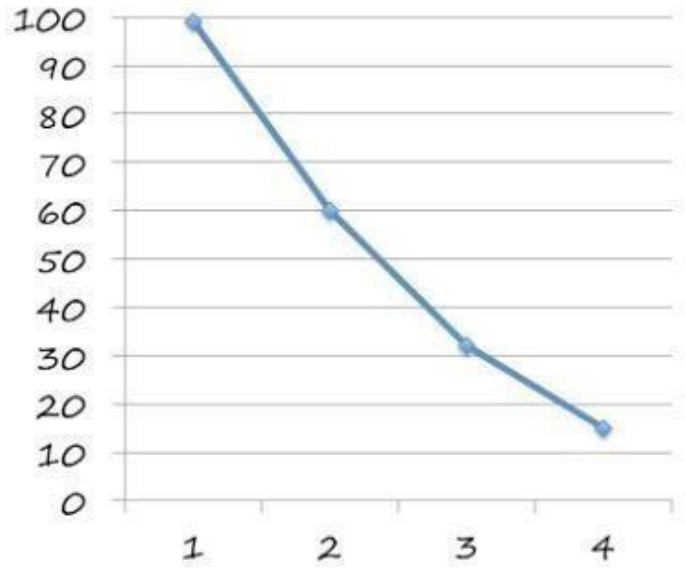
Velocity:

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.



X - sprint and

Y - Pending hours.