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

Date	22 October 2022
Team ID	PNT2022TMID30218
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 through my Gmail.	5	High	Venkatalakshmi J
Sprint-1		USN-2	As a user, I will receive confirmation email Once I have registered for the application.	2	Medium	Sandhiya M
			Create a login page			
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	2	Medium	Sathyasree R
Sprint-1	Dashboard	USN-4	As a user I can search for various pages, also chat with experts to clarify queries	7	High	Sowmya P
Sprint-2		USN-5	As a user, I can log into the application by	2	Medium	Venkatalakshmi J

			entering email & password			
Sprint-2	Search	USN-6	As a user I can search for various types of loans	5	High	Sandhiya M
Sprint-3		USN-7	As a user I can view the bank details	3	Medium	Sathyasree R
			Admin			
Sprint-2	Bank details	USN-8	As a admin, I should give the bank loan details such as Education loan, Gold loan, Personal loan	5	High	Sowmya P
Sprint-2	User details	USN-9	As an admin I should store data of an individual user.	3	High	Venkatalakshmi J

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Chat with expert	USN-10	As an admin, I will provide chat with expert options.	5	High	Sandhiya M
Sprint-3	Data Pre-Processing	USN-11	As an admin, I should clean and pre-process data.	5	High	Sathyasree R
Sprint-3	Analyze	USN-12	As an admin, I should train and test the dataset	5	High	Sowmya P
Sprint-4	Model Building	USN-13	As an admin, I should predict the accuracy of data using supervised machine learning	7	High	Venkatalakshmi J
Spring-4		USN-14	As an admin, I should connect the presentation tier,logic tier and data tier using python flask	3	Medium	Sandhiya 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	21	5 Days	22 Oct 2022	26 Oct 2022	21	27 Oct 2022
Sprint-2	15	5 Days	27 Oct 2022	31 Oct 2022	15	01 Nov 2022
Sprint-3	13	5 Days	01 Nov 2022	05 Nov 2022	13	06 Nov 2022
Sprint-4	10	5 Days	06 Nov 2022	10 Nov 2022	10	11 Nov 2022

Velocity:

$$\text{Sprint 1} = Av = \frac{Sprint\ duration}{velocity} = \frac{21}{5} = 4.2$$

$$\text{Sprint 2} = Av = \frac{Sprint\ duration}{velocity} = \frac{15}{5} = 3$$

$$\text{Sprint 3} = Av = \frac{Sprint\ duration}{velocity} = \frac{13}{5} = 2.6$$

$$\text{Sprint 4} = Av = \frac{Sprint\ duration}{velocity} = \frac{10}{5} = 2$$

Burndown Chart :