

Project Planning Phase

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

Date	04 NOVEMBER 2022
Team ID	PNT2022TMID35292
Project Name	Project - 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 details.	2	High	Gangaraju Tharun, Narendirakumar
Sprint-1	Login	USN-2	As a user, I can log into the application by entering the user name and password.	2	High	Gangaraju Tharun, Thummula Praneeth Rao
Sprint-1		USN-3	As a user, I can log in using Gmail.		Low	NarendraKumar, Nithil Easwar Mani
Sprint-2	Uploaded details	USN-4	As a user, I can upload my details and documents.	3	High	Gangaraju Tharun, NarendraKumar
Sprint-2	Navigation	USN-5	As a user, I can navigate to different tabs like home, description, contact, login, procedure.	2	Low	NarendraKumar, Gangaraju Tharun
Sprint-2	View Procedure	USN-6	As a user, I can view the procedure to apply for loan.	1	Medium	Nithil Easwar Mani, Thummula Praneeth Rao
Sprint-2	Contact	USN-7	As a user, I can contact bank.	1	Low	Gangaraju Tharun, Nithil Easwar Mani
Sprint-3	Ratings	USN-8	As a user, I can provide ratings for the service Provided.	2	Medium	NarendraKumar, Thummula Praneeth Rao
Sprint-3	View User Details	USN-9	As a Bank administrator, I can view the user details.	2	Medium	Gangaraju Tharun, Thummula Praneeth Rao
Sprint-3	Credit Verification	USN-10	As a Bank administrator, I can verify the credibility of the customer.	3	High	NarendraKumar, Gangaraju Tharun

Sprint-4	Document Verification	USN-11	As a Bank administrator,I can Verify all the documents proof and ID proof of customer	3	High	Gangaraju Tharun, Nithil Easwar Mani
Sprint-4	Loan Approval Status	USN-12	As a Bank administrator, I can Approve/Reject the loan for the customer based	3	High	Nithil Easwar Mani, Thummula Praneeth Rao
Sprint-4		USN-13	As a user, I can get confirmation of loan approvalthrough email.	3	High	Gangaraju Tharun , Narendira Kumar

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	5	6 Days	24 Oct 2022	29 Oct 2022	5	29 Oct 2022
Sprint-2	7	6 Days	31 Oct 2022	05 Nov 2022	7	05 Nov 2022
Sprint-3	7	6 Days	07 Nov 2022	12 Nov 2022	7	12 Nov 2022
Sprint-4	6	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)

$$AT, \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

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 downcharts can be applied to any project containing measurable progress over time

