

Project Planning Phase

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

Date	1 November 2022
Team ID	PNT2022TMID12860
Project Name	Smart Lender - Applicant Credibility Prediction for Loan Approval
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

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.	3	High	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Medium	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R
Sprint-1	Dashboard	USN-5	As a user, I should be able to access the dashboard with everything I am allowed to use.	2	High	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Register	USN-6	As a loan approval officer, I should be able to register myself as one using a unique email and password.	3	Medium	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R
Sprint-2	Login	USN-7	As a loan approval officer I should be able to login myself as one using a unique email and password.	3	Medium	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R
Sprint-3	Automated analysis of credit history	USN-8	As a loan approval officer, I can access the dashboard where I feed applications for loan prediction.	2	Medium	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R
Sprint-3		USN-9	As a loan approval officer, I can get a decision followed by some details for the decision when I feed an application for loan prediction.	3	High	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R
Sprint-4	Register	USN-10	As an admin, I should be able to register myself as one using a unique email and password.	2	Medium	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R
Sprint-4	Login	USN-11	As an admin I should be able to login myself as one using a unique email and password.	2	Medium	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R
Sprint-4	Dashboard	USN-12	As an admin, I should be able to access the dashboard with everything I am allowed to use.	2	Medium	Megalingam R Sanjana S Sharon Priyadharshini T Sakthivel R

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	12	6 Days	27 Oct 2022	01 Nov 2022	12	01 Nov 2022
Sprint-2	6	6 Days	02 Nov 2022	08 Nov 2022	6	08 Nov 2022
Sprint-3	5	6 Days	08 Nov 2022	14 Nov 2022	5	14 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)

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