Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID10472
Project Name	Project - 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	Prathy P Durai M Vadivel M Afridi S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Prathy P Durai M Vadivel M Afridi S

Sprint-1		USN-3	As a user, I can register for the application through Facebook	1	Low	Prathy P Durai M Vadivel M Afridi S
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Prathy P Durai M Vadivel M Afridi S
Sprint	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Story Points**	**Priority**	**Team Members**
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	3	High	Prathy P Durai M Vadivel M Afridi S
Sprint-1	Dashboard	USN-6	As a user, I should be able to access the dashboard with everything I am allowed to use.	2	Medium	Prathy P Durai M Vadivel M Afridi S

Sprint-1	Registration	USN-7	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Prathy P Durai M Vadivel M Afridi S

Sprint-1		USN-8	As a user, I will receive confirmation email once I have registered for the application	3	High	Prathy P Durai M Vadivel M Afridi S
Sprint-1		USN-9	As a user, I can register for the application through Facebook	1	Low	Prathy P Durai M Vadivel M Afridi S
Sprint-1		USN-10	As a user, I can register for the application through Gmail	2	Medium	Prathy P Durai M Vadivel M Afridi S
Sprint-1	Login	USN-11	As a user, I can log into the application by entering email & password	3	High	Prathy P Durai M Vadivel M Afridi Si

Sprint-1	Dashboard	USN-12	As a user, I should be able to access the dashboard with everything I am allowed to use.	2	Medium	Prathy P Durai M Vadivel M Afridi S

Sprint	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Story Points**	**Priority**	**Team Members**
Sprint-2	Register	USN-13	As a loan approval officer, I should be able to register myself as one using a unique email and password.	5	Medium	Prathy P Durai M Vadivel M Afridi S
Sprint-2	Login	USN-14	As a loan approval officer I should be able to login myself as one using a unique email and password.	5	Medium	Prathy P Durai M Vadivel M Afridi S
Sprint-3	Automated analysis of credit history	USN-15	As a loan approval officer, I can access the dashboard where I feed applications for loan prediction.	10	High	Prathy P Durai M Vadivel M Afridi S
Sprint-3		USN-16	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.	15	High	Prathy P Durai M Vadivel M Afridi S

Sprint-4	Register	USN-17	As an admin, I should be able to register myself as one using a unique email and password.	2	Medium	Prathy P Durai M Vadivel M Afridi S
Sprint-4	Login	USN-18	As an admin I should be able to login myself as one using a unique email and password.	2	Medium	Prathy P Durai M Vadivel M Afridi S
Sprint-4	Dashboard	USN-19	As an admin, I should be able to access the dashboard with everything I am allowed to use.	2	Medium	Prathy P Durai M Vadivel M Afridi S,

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	28	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	25	12 Nov 2022

Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	6	19 Nov 2022

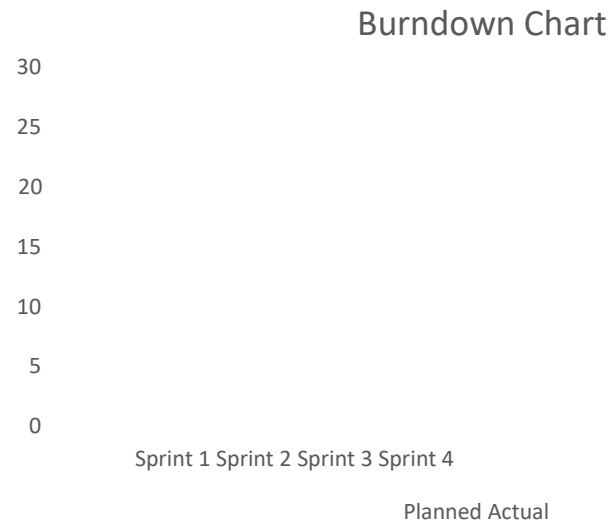
Velocity:

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)

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

Burndown Chart:

A burndown 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.



https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts
Reference: https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-softwar e https://www.atlassian.com/agile/tutorials/epics
https://www.atlassian.com/agile/tutorials/sprints
https://www.atlassian.com/agile/project-management/estimatio n
https://www.atlassian.com/agile/tutorials/burndown-charts