Project Planning Phase

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

Date	15 November 2022
Team ID	PNT2022TMID04175
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	Welcome Page	USN-1	As a user, I can visit the loan approval page.	5	High	Vaishali R Bhavana R Kanchana V Zynab M
Sprint-1		USN-2	As a user, I have to enter all my personal details and enter loan details.	5	High	Vaishali R Bhavana R Kanchana V Zynab M

Sprint-1		USN-3	As a user, I have to ensure whether all the details are correct	5	High	Vaishali R Bhavana R Kanchana V Zynab M
Sprint-1		USN-4	As a user, I will know if the analysis is Correct my loan will be approved.	5	Medium	Vaishali R Bhavana R Kanchana V Zynab M
Sprint-2	Details Entry Page	USN-1	As a user, I need a better UI and ux designs.	10	Low	Vaishali R Bhavana R Kanchana V Zynab M

Sprint-2		USN-2	As a user, I should have a landing page.	10	Low	Vaishali R Bhavana R Kanchana V Zynab M
Sprint-3	Credibility prediction loan Approval \ disapproval	USN-1	As a user,I should have a better ux and ui designs.	10	Medium	Vaishali R Bhavana R Kanchana V Zynab M
Sprint-3		USN-2	As a user, I have a page for features of the web application.	10	High	Vaishali R Bhavana R Kanchana V Zynab M

Sprint						
Sprint-4	Loan prediction	USN-1	As a user, I should be able to enter my name and email and do registration.	10	High	Vaishali R Bhavana R Kanchana V Zynab M
Sprint-4		USN-2	As a user, with my details loan approval will be predicted	10	High	Vaishali R Bhavana R Kanchana V Zynab M

Project Tracker, Velocity & Burndown Chart: (4 Marks)

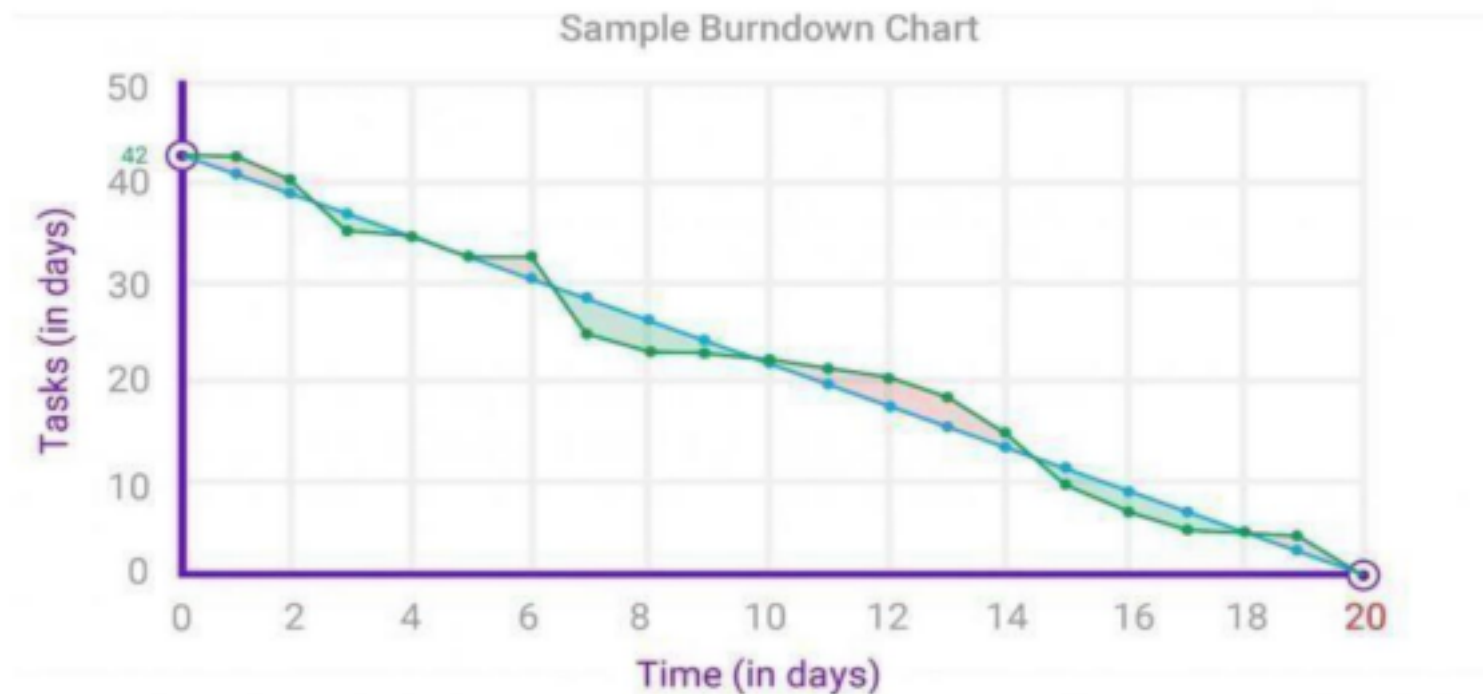| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	5 Days	15 Oct	20 Oct	28	20 Oct
Sprint-2	20	5 Days	25 Oct	30 Oct	10	30 Oct
Sprint-3	20	5 Days	4 Nov	8 Nov	6	8 Nov
Sprint-4	20	5 Days	9 Nov	13 Nov	12	13 Nov

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.

Sample Burndown Chart

Reference:

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

https://www.atlassian.com/agile/tutorials/burndown-charts

https://www.atlassian.com/agile/project-management https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics

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https://www.atlassian.com/agile/tutorials/burndown-charts