Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID22689
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 list all the user stories for the product.

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, phone number.	2	High	Meenachi,Gokul sarathy,Aditya,Kartheeswaran
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	2	High	Meenachi,Gokul sarathy,Aditya,Kartheeswaran
Sprint-1	Dashboard	USN-3	I should be able to utilize anything I am permitted to use on the dashboard as a user.	1	Medium	Meenachi,Gokul sarathy,Aditya,Kartheeswaran

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Register	USN-7	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Meenachi,Gokul sarathy,Aditya,Kartheeswaran
Sprint-1	Login	USN-10	As a user, I can log into the application by entering email & password	1	High	Meenachi,Gokul sarathy,Aditya,KartheeswaranMeenachi,Gokul sarathy,Aditya,Kartheeswaran
Sprint-1	Dashboard	USN-11	As a user, I should be able to utilize anything I am permitted to use on the dashboard as a user.	1	Medium	Meenachi,Gokul sarathy,Aditya,Kartheeswaran
Sprint-2	Register	USN-12	As a loan approval officer, I should be able to register myself as one using a unique email and password.	5	Medium	Meenachi,Gokul sarathy,Aditya,Kartheeswaran
Sprint-2	Login	USN-13	As a loan approval officer, I should be able to login as one using an unique email and password.	5	Medium	Meenachi,Gokul sarathy,Aditya,Kartheeswaran
Sprint-3	Automated analysis of credit history	USN-14	As a loan approval officer, I can access the dashboard where I feed applications for loan prediction.	10	High	Meenachi,Gokul sarathy,Aditya,Kartheeswaran
Sprint-3		USN-15	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	Meenachi,Gokul sarathy,Aditya,Kartheeswaran
Sprint-4	Register	USN-16	As an admin, I should be able to register myself as one using a unique email and password.	2	Medium	Meenachi,Gokul sarathy,Aditya,Kartheeswaran

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Login	USN-17	As an admin, I should be able to login myself as one using a unique email and password	2	Medium	Meenachi,Gokul sarathy,Aditya,Kartheeswaran
Sprint-4	Dashboard	USN-18	As an admin, I should be able to access the dashboard with everything I am allowed to use	2	Medium	Meenachi,Gokul sarathy,Aditya,Kartheeswaran
Sprint-4	Database	USN - 19	As an admin, I should be able to retrieve saved data and take backups	2	Low	Meenachi,Gokul sarathy,Aditya,Kartheeswaran

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	12	
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	12	
Sprint-3	20	9 Days	07 Nov 2022	15 Nov 2022	28	
Sprint-4	20	4 Days	16 Nov 2022	19 Nov 2022	8	

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)

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

AV [Sprint-1] = 12/6

= 2 AV [Sprint-2] =

12/6 = 2 AV[Sprint-

3] = 28/9 = 3

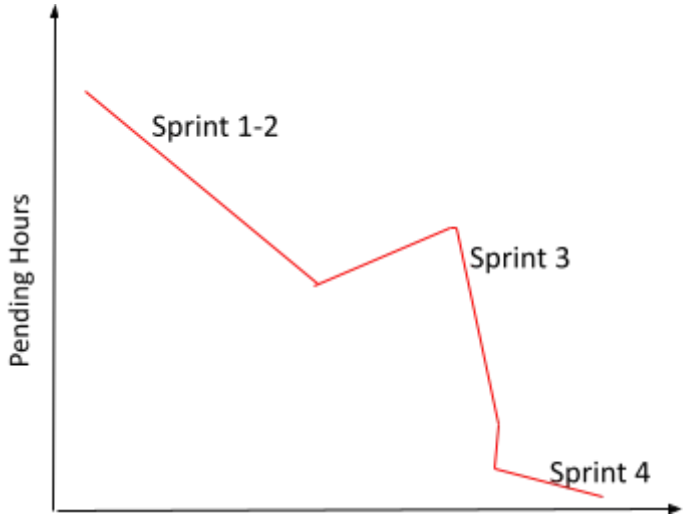
AV[Sprint - 4] = 8/4

= 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 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-software
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