Project Planning Phase

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

Date	27 October 2023
Team ID	**592101**
Project Name	**Predicting lumpy skin disease**
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)	Total Story Points	Completed Story Points	Remaining Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Sprint Release Date (Actual)	Status
1	Predicting lumpy skin disease based on clinical symptoms	5	5	0	4 Days	26 Oct 2023	29 Oct 2023	29 Oct 2023	Completed
2	Predicting lumpy skin disease based on laboratory results	3	3	0	2 Days	31 Oct 2023	03 Nov 2023	03 Nov 2023	Completed
3	Developing a user-friendly interface for the prediction tool	2	2	0	3 Days	04 Nov 2023	07 Nov 2023	07 Nov 2023	Completed
4	Integrating the prediction tool with existing veterinary systems	3	3	0	4 Days	08 Nov 2023	09 Nov 2023	09 Nov 2023	Completed
5	Evaluating the performance of the	2	2	0	2 Days	10 Nov 2023	12 Nov 2023	12 Nov 2023	Completed

	prediction tool								
6	Improving the performance of the prediction tool	3	3	0	3 Days	13 Nov 2023	15 Nov 2023	15 Nov 2023	Completed

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Sprint Release Date (Actual)	Status
1	5	4 Days	26 Oct 2023	29 Oct 2023	29 Oct 2023	Completed
2	3	2 Days	31 Oct 2023	03 Nov 2023	03 Nov 2023	Completed
3	2	3 Days	04 Nov 2023	07 Nov 2023	07 Nov 2023	Completed
4	3	4 Days	08 Nov 2023	09 Nov 2023	09 Nov 2023	Completed
5	2	2 Days	10 Nov 2023	12 Nov 2023	12 Nov 2023	Completed
6	3	3 Days	13 Nov 2023	15 Nov 2023	15 Nov 2023	Completed

VELOCITY:-

The velocity of the team is the average number of story points completed per sprint. In this case, the team completed 5 story points in the first sprint, 3 story points in the second sprint, 2 story points in the third sprint, 3 story points in the fourth sprint, 2 story points in the fifth sprint, and 3 story points in the sixth sprint. This gives the team an average velocity of 3 story points per sprint.

To calculate the velocity in the same format as the image you sent, we need to divide the total number of story points completed by the number of sprints. In this case, the team completed 18 story points in 6 sprints.

This gives the team a velocity of 18 / 6 = 3 story points per sprint.

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://community.nulab.com/t/introduction-to-burndown-charts-in-backlog-and-story-points/549

References

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

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

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