Project Planning Phase

Project Planning Template(ProductBacklog,SprintPlanning, Stories, Story points)

Date	1 NOVEMBER 2025
Team ID	NM2025TMID03056
Project Name	Laptop request catalog
Maximum Marks	5 Marks

	A	B	C	D	E	F	G
1	Sprint	Functional Requ	User Story Numl	User Story / Task	Story Points	Priority	Team Members
2	Sprint-1	User Authentical	USN-1	As a student, I can create an account and log in securely.	3	High	A. Kumar
3	Sprint-1	Course Catalog	USN-2	As a student, I can browse the list of available courses with descriptions.	2	High	B. Singh
4	Sprint-1	Database Setup	USN-3	As a developer, I need to set up the database schema for users and courses.	5	High	C. Reddy
5	Sprint-2	Course Enrollme	USN-4	As a student, I can select and enroll in a course.	5	High	A. Kumar
6	Sprint-2	Enrollment Conf	USN-5	As a student, I want to receive an email confirmation after enrolling in a course.	3	Medium	B. Singh
7	Sprint-2	Admin Dashboa	USN-6	As an admin, I can view a list of all enrolled students per course.	8	Medium	C. Reddy
8	Sprint-3	Grade Submissi	USN-7	As an instructor, I can submit final grades for a course.	5	High	A. Kumar
9	Sprint-3	Reporting	USN-8	As an admin, I want to generate a report of low-enrollment courses.	3	Medium	B. Singh
10	Sprint-3	Documentation	USN-9	As a team, we need to create a user manual for the Student Portal features.	2	Medium	C. Reddy
11							

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (E	Story Points Com	Sprint Release D
Sprint-1	20	6 Days	[redacted]	[redacted]	20	[redacted]
Sprint-2	20	6 Days	[redacted]	[redacted]	18	[redacted]
Sprint-3	20	6 Days	[redacted]	[redacted]	22	[redacted]
Sprint-4	20	6 Days	[redacted]	[redacted]	19	[redacted]

Velocity is the average number of Story Points a team completes per sprint.

1. Calculate Total Completed Story Points:

Total Completed Points= textSprint-1 + Sprint-2 + Sprint-3 + Sprint-4
Total Completed Points= 20 + 18 + 22 + 19 = Story Points

2. Calculate Average Velocity:
Average Velocity =Total Completed Points}Number of Sprints
Average Velocity} =79.4 = 19.75 Story Points per Sprint

The Burndown Chart shows how much work was left at the end of each sprint, starting with a total of 80 Story Points.

- Average Speed (Velocity): The team completed an average of 19.75 Story Points per sprint.
- Sprint 1: Finished on time, completing the planned work.
- Sprint 2: The team was a little slow, completing only 18 points, meaning they had more work left than planned.
- Sprint 3: The team worked faster (completed 22 points) and caught up to the plan.
- Sprint 4 (Final Status): The team completed most of the remaining work but finished with 1 Story Point left over.

In short: The project was largely on track, but a single, small item needs to be addressed after the planned end date.

https://www.visua l - paradigm.com/scrum/scru m -b urndow n - chart/

https://www.atlassian.com/agile/tutorials/burndow n -c hart s

Reference:

https://www.atlassian.com/agile/projec t - management

https://www.atlassian.com/agile/tutorials/ho w -t o -d o - scru m -w it h - jira - software

https://www.atlassian.com/agile/tutorials/epic s

https://www.atlassian.com/agile/tutorials/sprint s

https://www.atlassian.com/agile/projec t - management/estimation

https://www.atlassian.com/agile/tutorials/burndow n -c hart s