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

Date	
Team ID	NM2023TMID03215
Project Name	Unleashing the Potential of Our Youth: A Student Performance Analysis
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Infrastructure Setup	USN - 1	As a user, I want to set up the server environment.	6	High	Subashree S K Kaviya K Kavya R S
Sprint-1	Infrastructure Setup	USN - 2	As a user, I want to create a basic front-end interface for user authentication.	6	High	Subashree S K Susmitha S Kaviya K
Sprint-2	Teacher Dashboard	USN - 3	As a user, I want to log in and access the dashboard to input grades and comments.	7	High	Subashree S K Susmitha S Kavya R S
Sprint-2	Data collection	USN - 4	As a user, I want to add and edit student records.	8	High	Susmitha S Kaviya K Kavya R S
Sprint-3	Epic Data Analysis	USN - 5	As a user,I want to analyze student performance data	5	High	Subashree S K Susmitha S Kaviya K
Sprint-3	Student and Parent Access	USN - 6	As a user, I want to access my performance reports	6	Medium	Subashree S K Kaviya K Kavya R S

Sprint-4	Integration with other systems , User feedback	USN - 7	As a user,I want the system to integrate with existing data systems and provide feedback on the system	12	Medium	Subashree S K Susmitha S Kavya R S

Project Tracker, Velocity & Burndown Chart:

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	2 weeks	01-09-2023	14-09-2023	20	09-09-2023
Sprint-2	20	3 weeks	15-09-2023	28-09-2023		
Sprint-3	20	3 weeks	29-09-2023	12-10-2023		
Sprint-4	20	2 weeks	13-10-2023	26-10-2023		

Velocity:

Sprint duration = 2 weeks + 3 weeks + 3 weeks + 2 weeks
= 10 weeks

AV = Sprint duration / Velocity = 20 / 10 = 2

Burndown Chart:

Step 1 : Create Estimate Effort

	Week 0	**Week 1**	**Week 2**	**Week 3**
Effort Remaining	20	14	8	0

Step 2 : Track Daily Process

Task	Hours	Week 0	Week 1	Week 2	Week 3	Total
Task - 1	10	3	2	1	4	10
Task - 2	10	3	2	1	4	10
Task - 3	10	3	2	1	4	10
Task - 4	10	3	2	1	4	10
Task - 5	10	3	2	1	4	10

Step 3 : Compute the Actual Effort

		Week 0	Week 1	Week 2	Week 3
Actual Effort	20	16	10	8	0
Effort Remaining	20	14	8	5	0

Step 4 : Obtain the final dataset