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

Date	21 October 2023
Team ID	NM2023TMID07497
Project Name	Project - Unleashing The Potential Of Our Youth: A Student Performance Analysis
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Account Management	USN-1	1. As a user, I want to register an account by providing my name, email address, and creating a password. After registration, I should receive a confirmation email to verify my account.	2	High	Swetha

			2. As a user, I want to log in to my account securely using my registered email and password. Once logged in, I should have access to features based on my role. I can also log out.			
Sprint-2	Data Input and Management	USN-2	1. As a user, I want to create and update student profiles by entering their personal information, such as name, contact details, and class information. This ensures that the system has up-to-date student data. 2. As a user, I want to enter or upload students' academic scores, extracurricular achievements, and behavioral observations. I should be able to attach supporting documents or notes for context.	2	High	Bavatharini
Sprint-3	Performance Analysis	USN-3	1. As a user, I want to view aggregated performance data of my child, which should include overall class averages, highest and lowest scores, and distribution of scores. This helps me assess a child's performance at a glance.	1	Medium	Sharmila

			2. As a user, I want to access various statistical analyses, including average scores, median scores, mode, standard deviation, and other relevant statistics to understand student performance. 3. As a user, I want to track performance trends over time for individual students or the entire class. I should be able to see if a student's performance is improving or declining.			
Sprint-4	Visualization Tools	USN-4	1. As a user, I want a dashboard that displays key performance metrics in an easy-to-understand format. It should include graphs, tables, and charts that summarize student performance and trends. 2. As a user, I want to generate various types of graphs and charts (e.g., line graphs, bar charts, pie charts) based on specific criteria such as subject, class, or time period to visually represent data. This aids in better data interpretation.	2	Medium	Teertha

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	October 1 2023	October 4 2023	20	October 4 2023
Sprint-2	20	6 Days	October 6 2023	October 9 2023	20	October 10 2023
Sprint-3	20	6 Days	October 11 2023	October 17 2023	20	October 17 2023
Sprint-4	20	6 Days	October 18 2023	October 22 2023	20	October 23 2023

Burndown Chart:

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20|                 ____
18|             /
16|            /
14|           /
12|          /
10|         /
 8|        /
 6|       /
 4|      /
 2|     /
 0|____/_____/_____/_____
  Oct 1  Oct 4    Oct 9      Oct 17
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