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

Date	15 February 2025
Team ID	LTVIP2026TMIDS65594
Project Name	Educational Organization Using ServiceNow
Maximum Marks	5 Marks

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

Use the below template to create product backlog and sprint schedule

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.	2	High	Team
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Team
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Team
Sprint-1	Login	USN-4	As a user, I can register for the application through Gmail	2	Medium	Team
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Team
Sprint-1	Dashboard	USN-6	As a user, I can view dashboard and academic details.	3	High	Team
Sprint-3	Result Management	USN-7	As a teacher, I can upload student marks.	3	High	Team
Sprint-3	Notification System	USN-8	As a student, I can view results.	2	Medium	Team

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	20	29 Oct 2022

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-2	20	6 Days	31 Oct 2022	05 Nov 2022	11	20 Feb 2025
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	7	26 Feb 2025
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	11	04 Mar 2025

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)

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

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