

Project Planning Phase

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

Date	22 October 2022
Team ID	nm2023tmid00674
Project Name	DATA DOMINATORS:A COMPARATIVE STUDY OF TOP GLOBAL UNIVERSITIES IN DATA ANALYTICS
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)	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	Maragatha ganapathi.R
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Nandhini.B
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	PooraniDevi.L
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Ragavi.R
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Ragavi.R

	Dashboard					

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	4 Oct 2023	7 Oct 2023	5 Oct 2023	6 Oct 2023
Sprint-2	20	6 Days	10 Oct 2023	13 Oct2023	11 Oct 2023	13 Oct 2023
Sprint-3	20	6 Days	14 Oct 2023	16 Oct 2023	13 Oct 2023	16 Oct 2023
Sprint-4	20	6 Days	17 Oct 2023	20 Oct 2023	18 Oct 2023	22 Oct 2023

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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)

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

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>

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

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

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