

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

Date	27 October 2022
Team ID	PNT2022TMID54166
Project Name	University Admit Eligibility Predictor
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, you can register in the application by entering your email address, password, and confirming the password	2	High	Ramya.A
Sprint-1		USN-2	As a user, you will receive a confirmation email after registering in the application	1	High	Mythili.A.S
Sprint-2		USN-3	As a user, you can register in the application via Facebook	2	Low	Sowmiya.S
Sprint-1		USN-4	As a user, you can register in the application via Gmail	2	Medium	Shanmugapriya.S
Sprint-1	Login	USN-5	As a user, you can login to the application by entering your email and password	1	High	Mythili.A.S

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	5 Days	29 Oct 2022	04 Nov 2022	20	03 Nov 2022
Sprint-2	20	4 Days	04 Oct 2022	08 Nov 2022	20	07 Nov 2022
Sprint-3	20	4 Days	08 Nov 2022	11 Nov 2022	20	10 Nov 2022
Sprint-4	20	4 Days	11 Nov 2022	14 Nov 2022	20	13 Nov 2022

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)

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

Burndown Chart:

A burndown chart helps agile project management teams keep track of what's been done, what needs to be done and how much time is left in the project. While a burndown chart is traditionally a visual tool, it can also act as a list that outlines the work to be done and what percentage of it is complete.

ProjectManager is cloud-based software that offers multiple project views to help you collect and track your burndown chart. Our list view captures your tasks and shows how much work is left before tasks are complete. This real-time data access allows team members to comment and share files as needed. Get started with ProjectManager today for free.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>
<https://hevodata.com/learn/building-jira-burndown-chart/>

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>