

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

Date	08 November 2022
Team ID	PNT2022TMID38951
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	Santhoshkumar.K
Sprint-1		USN-2	As a user, you will receive a confirmation email after registering in the application	1	High	Santhoshkumar.K
Sprint-2		USN-3	As a user, you can register in the application via Facebook	2	Low	Vijayavalavan.V
Sprint-1		USN-4	As a user, you can register in the application via Gmail	2	Medium	Jaya Sewak.V
Sprint-1	Login	USN-5	As a user, you can login to the application by entering your email and password	1	High	Jayasurya.J

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	28 oct 2022	12 Nov 2022	20	16 Nov 2022
Sprint-2	20	4 Days	04 Oct 2022	14 Nov 2022	20	16 Nov 2022
Sprint-3	20	4 Days	08 Nov 2022	15 Nov 2022	20	16 Nov 2022
Sprint-4	20	4 Days	11 Nov 2022	15 Nov 2022	20	16 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 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>