

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

Date	29 Oct 2022
Team ID	PNT2022TMID26147
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	Ashwinkumar BR
Sprint-1		USN-2	As a user, you will receive a confirmation email after registering in the application	1	High	Ashwinkumar BR
Sprint-2		USN-3	As a user, you can register in the application via Facebook	2	Low	Adithya V
Sprint-1		USN-4	As a user, you can register in the application via Gmail	2	Medium	Hariharan N
Sprint-1	Login	USN-5	As a user, you can login to the application by entering your email and password	1	High	Dhakshanamoorthy 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	30 Oct 2022	05 Nov 2022	20	04 Nov 2022
Sprint-2	20	4 Days	05 Oct 2022	09 Nov 2022	20	08 Nov 2022
Sprint-3	20	4 Days	09 Nov 2022	12 Nov 2022	20	11 Nov 2022
Sprint-4	20	4 Days	12 Nov 2022	15 Nov 2022	20	14 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>