

Project Planning Phase

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

Date	09 November 2022
Team ID	PNT2022TMID04094
Project Name	Project – 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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release	Team Members
Customer	Homepage	USN-1	I can see information about the university as a user.	I can get to the school's home page.	Medium	Sprint-1	Sashaank S, Santosh K K
		USN-2	I may access the most recent university news as a user.	I have access to the most recent news.	Medium	Sprint-1	Sashaank S, Santosh K K
		USN-3	As a user, I can submit inquiries using the contact form.	I am able to complete and submit the contact form.	Low	Sprint-2	Sudharsan S, Sakthivel R
		USN-4	As a user, I have access to the university's social media profiles.	I may contact them through social media.	Medium	Sprint-1	Sashaank S, Santosh K K
		USN-5	As a user, I am able to view testimonials from university graduates.	I have access to the testimonies.	Medium	Sprint-1	Sudharsan S, Sakthivel R
	Admissions	USN-6	I can see the prior year's cut off markings as a user.	I may obtain the prior year's cut-off information.	High	Sprint-2	Sudharsan S, Sakthivel R
		USN-7	As a user, I may read about the university's proud alumni.	May obtain information on university alumni	Medium	Sprint-2	Sudharsan S, Sakthivel R
		USN-8	As a user, I can anticipate my eligibility for university entrance.	I can obtain either an eligible or ineligible result.	High	Sprint-2	Sudharsan S, Sakthivel R
	Courses Offered	USN-9	As a user, I may see the PG courses provided by the institution.	I have access to the course information.	Medium	Sprint-3	Sashaank S, Santosh K K
	Events	USN-10	As a user, I may view a list of upcoming technical events at the institution.	I can register for the events	Low	Sprint-3	Sudharsan S, Sakthivel R

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release	Team Members
	Scholarship	USN-11	As a user, I will look for information about scholarship opportunities.	I have access to scholarship resources.	High	Sprint-4	Sashaank S, Santosh K K
Administrator	Homepage	USN-12	As an administrator, I will keep the university's news up to date.	I can see if the update has been reflected or not.	Medium	Sprint-4	Sashaank S, Santosh K K
	Events	USN-13	As an administrator, I can change the list of activities that will be held.	I can see if the update has been reflected or not.	Medium	Sprint-4	Sashaank S, Santosh K K

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	10	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	15	11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	17 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.

