

Project Planning Phase

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

Date	04 November 2022
Team ID	PNT2022TMID34819
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, I can register for the application by entering my email, password, and confirming my password.	2	High	Bernosha S B
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application.	2	Medium	DarshaGayathri K
Sprint-1		USN-3	As a user, I can register for the application through Gmail.	1	Low	Athira J
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password.	3	High	Dharshini S
Sprint-2	Dashboard	USN-5	As a user, I can access my dashboard.	2	High	Athira J
Sprint-2	Train the model (Machine Learning)	USN-6	As an admin, I can train the model by machine learning.	3	High	Bernosha S B
Sprint-3	Input	USN-7	As a user, I can setup my profile and basic details.	2	Medium	DarshaGayathri K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-8	As a user, I can enter my marks, qualifications and other requirements.	2	High	Dharshini S
Sprint-4	Prediction	USN-9	As a user, I can view the percentage of getting chances into the university.	3	Hlgh	Bernosha S B, DarshaGayathri K
		USN-10	As a user, I can view the chances of courses and universities that are match.	1	Medium	Athira J, Dharshini S
Sprint-4	IBM Watson Studio	USN-11	As an admin, I can integrate the prediction model with the application.	3	High	Athira J, Bernosha S B, DarshaGayathri K, Dharshini 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	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imagine we have a 6-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)

$$AV = \text{Sprint duration} / \text{velocity} = 20 / 6 = 3.3$$

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.

