

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID53099
Project Name	University Admit Eligibility Predictor
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Home Page	USN-1	As a user, I can enter the web portal.	2	High	Arshiya Fathima N
Sprint-1		USN-2	As a user, I can view the home page.	2	High	Babisha V
Sprint-1		USN-3	As a user, I can see the login option on the home page.	1	Low	Fathima Jasmine M
Sprint-1		USN-4	As a user, I can create an account using email ID	2	Medium	Jasmine S
Sprint-1	Login	USN-5	As a user, I can log into the application by entering username & password.	2	High	Fathima Jasmine M
Sprint-2	Dashboard	USN-6	As a user, I can view the chance of admit based on exam scores.	2	High	Jasmine S
Sprint-2		USN-7	As a user, I can view the chance of admit based on various qualifications.	1	Medium	Arshiya Fathima N
Sprint-3	Enter Details	USN-8	As a user, I can enter the required application details to check the admit percentage.	2	High	Babisha V
Sprint-3		USN-9	As a user, I can enter my exam scores.	1	Medium	Fathima Jasmine M
Sprint-4	Result	USN-10	As a user, I can get to know whether I am eligible or not.	2	High	Arshiya Fathima N
Sprint-4		USN-11	As a user, I can get to know my chance of admit.	1	Medium	Babisha V

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 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)

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

$$AV = \text{sprint duration} / \text{velocity} = 20 / 6 = 3.33$$

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.

Burndown Chart

