

Project Planning Phase

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

Date	22/10/2022
Team ID	PNT2022TMID32168
Project Name	Project – University Admit Eligibility Predictor
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation :

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.	4	High	VIJAYRAGU M, NAVEEN PANDIAN P
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	High	VIJAYRAGU M, PRAVEEN KUMAR P M
Sprint-2		USN-3	As a user, I can register for the application through Facebook	6	Low	NAVEEN PANDIAN P
Sprint-1	Login	USN-4	As a user, I can register for the application through Gmail	4	Medium	VIJAYRAGU M
Sprint-1	Dashboard	USN-5	As a user, I can log into the application by entering email & password	4	High	VIJAYRAGU M, NAVEEN PANDIAN P

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story points	Priority	Team Members
Sprint-3	Selection	USN-6	As a user, I can confirm the available college or re-apply to other college	10	Medium	MAYILSAMY S, NAVEEN PANDIAN P
Sprint-4	Queries	USN-7	As a user, I can ask queries to the system regarding the help / support or technical issues	10	High	PRAVEEN KUMAR P M, VIJAYRAGU M
Sprint-1	Authentication	USN-8	As a admin, I can authenticate the login credentials of user	4	High	VIJAYRAGU M
Sprint-2	Dashboard	USN-9	As a admin , I can verify the details of the user	7	High	NAVEEN PANDIAN P, MAYILSAMY S
Sprint-2	Prediction	USN-10	As a admin , I can train the user details with ML algorithm	7	High	NAVEEN PANDIAN P
Sprint-3	Chances	USN-11	As a admin ,I can solve the queries of users	10	High	MAYILSAMY S, PRAVEEN KUMAR P M
Sprint-4	Solution	USN-12	As a admin, I can update the university database depends on the user confirmation	10	High	PRAVEEN KUMAR P M, MAYILSAMY 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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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)

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

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.

