

Project Planning Phase

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

Sprint Delivery Plan

Date	18 October 2022
Team ID	PNT2022TMID14806
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	Jagadeesh Kumar R Saravanan P
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Gowtham M Ohmprakash V
Sprint-2		USN-3	As a user, I can register for the application through Gmail	6	Medium	Ohmprakash V
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	5	High	Saravanan P Gowtham M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story points	Priority	Team Members
Sprint-3	Selection	USN-5	As a user, I can confirm the available college or re-apply to other college	10	Medium	Jagadeesh Kumar R
Sprint-4	Queries	USN-6	As a user, I can ask queries to the system regarding the help / support or technical issues	10	High	Gowtham M
Sprint-1	Authentication	USN-7	As an admin, I can authenticate the login credentials of user	5	High	Ohmprakash V
Sprint-2	Dashboard	USN-8	As an admin, I can verify the details of the user	7	High	Saravanan P
Sprint-2	Prediction	USN-9	As an admin, I can train the user details with ML algorithm	7	High	Gowtham M Ohmprakash V
Sprint-3	Chances	USN-10	As an admin, I can solve the queries of users	10	High	Saravanan P Gowtham M
Sprint-4	Solution	USN-11	As an admin, I can update the university database depends on the user confirmation	10	High	Jagadeesh Kumar R Saravanan P Ohmprakash 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		05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		19 Nov 2022

Velocity:

Sprint 1 = 3 * 20 = 60

Sprint 2 = 3 * 20 = 60

Sprint 3 = 3 * 20 = 60

Sprint 4 = 2 * 20 = 40

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

Average Velocity = 220/4 = 55

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.

