

## Project Planning Phase

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

Date	1 Novemeber 2022
Team ID	PNT2022TMID12607
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 will be able to register my application by entering my email, password, and confirming my password.	2	High	Aravind M
Sprint-1		USN-2	As a user, I will be able to receive an email confirmation after registration.	1	High	Barath Kumar G
Sprint-2		USN-3	As a user, I can register for the application through Gmail.	2	Low	Sanjai K
Sprint-1		USN-4	As a user, I can register for the application by entering details by self.	2	Medium	Bhooshaan A
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Bhooshaan A
	Dashboard					

### 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	4 Days	1 Nov 2022	4 Nov 2022	20	1 Nov 2022
Sprint-2	20	3 Days	5 Nov 2022	6 Nov 2022	20	5 Nov 2022
Sprint-3	20	3 Days	7 Nov 2022	9 Nov 2022	20	7 Nov 2022
Sprint-4	20	5 Days	10 Nov 2022	15 Nov 2022	20	10 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 burndown 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.