

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID35768
Project Name	Project - 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.	4	High	Shangeeth R
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Sona S
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	5	Low	Shangeeth R
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	3	Medium	Anika Lakshmi S
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Indhumathi B
Sprint-3	Dashboard	USN-6	As a student, I can view university rankings	7	Medium	Anika Lakshmi S
Sprint-3	Dashboard	USN-7	As a student, I can view the cut-off of previous year rankings	7	High	Indhumathi B
Sprint-2	Dashboard	USN-8	As a student, I can login and enter the dashboard.	5	High	Sona S
Sprint-4	Administration	USN-9	As an admin, I do have the access to update the eligibility criteria for each university.	6	High	Anika Lakshmi S
Sprint-4	Administration	USN-10	As a admin, I can track the eligible students for each university	7	Medium	Indhumathi B

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Administration	USN-11	As an Administrator, view and manage user permissions in an application.	7	High	Shangeeth R
Sprint-3	Predictor	USN-12	I can view the list of universities, I am eligible to join	6	Medium	Sona 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		
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.