

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID32265
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.	5	High	Ananthan.A Nareshkumar.V
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Mytheshwaran.G Sakthivel Murugan.S
Sprint-2		USN-3	As a user, I can register for the application through Gmail	6	Medium	Sakthivel Murugan.S Nareshkumar.V
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	5	High	Nareshkumar.V Mytheshawaran.G

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-3	Selection	USN-5	As a user, I can confirm the available college or re-apply to other college	10	Medium	Mytheshwaran.G Ananthan.A
Sprint-4	Queries	USN-6	As a user, I can ask queries to the system regarding the help / support or technical issues	10	High	Ananthan.A Nareshkumar.V
Sprint-1	Authentication	USN-7	As a admin, I can authenticate the login credentials of user	5	High	Sakthivel Murugan.S Ananthan.A
Sprint-2	Dashboard	USN-8	As a admin , I can verify the details of the user	7	High	Nareshkumar.V Sakthivel Murugan.S
Sprint-2	Prediction	USN-9	As a admin , I can train the user details with ML algorithm	7	High	Ananthan.A Mytheshwaran.G
Sprint-3	Chances	USN-10	As a admin ,I can solve the queries of users	10	High	Nareshkumar.V Ananthan.A Sakthivel Murugan.S Mytheshawaran.G
Sprint-4	Solution	USN-11	As a admin, I can update the university database depends on the user confirmation	10	High	Sakthivel Murugan.S Ananthan.A Nareshkumar.V Mytheshawaran.G

### 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.

