

## Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID37049
Project Name	Project - 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	Data Set Preparation and Model Bulding	USN-1	Performing Data Analysis , Choosing the perfect Algorithm / model(ML),Checking Error Matrix.	3	High	Abirami.N Jenifer.K
Sprint-1	Registration	USN-2	As a User, I can register for the application by entering my username ,EmailID ,Password .	1	Medium	Sneha.J Jayalakshmi.T
Sprint-1	Login	USN-3	As a User, I can login to the application by entering my username or EmailID and Password .	1	Medium	Jayalakshmi.T Jenifer.K
Sprint-2	Application Building / User Interface / data entry page	USN-4	As a user,I can enter the details like GRE, TOEFL, SOR, LOR, CGPA Marks to predict Chance \ Designing User Interface Page.	5	High	Abirami.N Sneha.J

Sprint-3	Train the Model / Integrate flask with scoring end point.	USN-5	The backend process is implemented by the flask framework and by the algorithms.  Integrating Backend and Frontend with using Flask	5	High	Jenifer.K Sneha.J Abirami.N
Sprint-4	Result page / output	USN-6	. As a user, I can see / check the Predicted Chances of Universities.	5	High	Abirami.N Jayalakshmi.T

### 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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imagine we have a 6-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)

$$\mathbf{AV = \text{SPRINT DURATION} / \text{VELOCITY} = 20/6 = 3.33}$$