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

Date	18 October 2022
Team ID	PNT2022TMID54168
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	1
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	2
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	4	High	4
Sprint-2	Update Profile	USN-4	As a user, after logging in, I will have to update my profile by providing all the required details	3	High	3
Sprint-3	Choose University	USN-5	As a user, I will be able to view the list of universities that the students are eligible to apply	5	High	3
Sprint-3	Choose course	USN-6	As a user, I will be able to view the list of courses that the students are eligible to apply	5	High	4
Sprint-4	Admission Process	USN-7	As a user, I will be able to view the details of Admission process like date and venue of certification verification	2	Medium	3
Sprint-1	Authentication	USN-8	As a admin, the login credential of the user is authenticated by me	3	Low	4
Sprint-2	Update Profile	USN-9	As a admin, I can verify the user entered details	2	High	2
Sprint-3	Prediction	USN-10	As a admin, I can test the trained ML model by	5	High	2

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			analysing the user details by ML algorithms like Logistic Regression			
Sprint-4	Output	USN-11	As a admin, I can upload the confirmation of user for the prediction into the database	3	High	4

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	15	6 Days	31 Oct 2022	05 Nov 2022	15	5 Nov 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	6	11 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	17 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)

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