Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID53099
Project Name	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	Training the model	USN-1	Initial task is to train the model	2	High	Rakesh JV
Sprint-1	Home Page	USN-2	As a user, I can view the home page.	2	High	Mohammed Ashiq
Sprint-1		USN-3	As a user, I can see the login option on the home page.	1	Low	Vishaul V
Sprint-1		USN-4	As a user, I can create an account using email ID	2	Medium	Girinath R
Sprint-1	Login	USN-5	As a user, I can log into the application by entering username & password.	2	High	Rakesh J V
Sprint-2	Dashboard	USN-6	As a user, I can view the chance of admit based on exam scores.	2	High	Vishaul V
Sprint-2		USN-7	As a user, I can view the chance of admit based on various qualifications.	1	Medium	Mohammed Ashiq
Sprint-3	Enter Details	USN-8	As a user, I can enter the required application details to check the admit percentage.	2	High	Rakesh J V
Sprint-3		USN-9	As a user, I can enter my exam scores.	1	Medium	Girinath R
Sprint-4	Result	USN-10	As a user, I can get to know whether I am eligible or not.	2	High	Mohammed Ashiq
Sprint-4		USN-11	As a user, I can get to know my chance of admit.	1	Medium	Rakesh J V

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 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)

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

AV = sprint duration/ velocity = 20/6 = 3.33

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.

Burndown Chart