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

Date	15 November 2022
Team ID	PNT2022TMID04242
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	Registration	USN-1	As a user, you can register in the application by entering your email address, password, and confirming the password	2	High	Nivetha K
Sprint-1		USN-2	As a user, you will receive a confirmation email after registering in the application	1	High	Vignesh Kumar K
Sprint-2		USN-3	As a user, you can register in the application via Facebook	2	Low	Hariharan SV
Sprint-1		USN-4	As a user, you can register in the application via Gmail	2	Medium	Sneha Jaiswal
Sprint-1	Login	USN-5	As a user, you can login to the application by entering your email and password	1	High	Vignesh Kumar K

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	7 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-2	20	4 Days	06 Oct 2022	08 Nov 2022	20	09 Nov 2022
Sprint-3	20	4 Days	09 Nov 2022	11 Nov 2022	20	11 Nov 2022
Sprint-4	20	4 Days	12 Nov 2022	14 Nov 2022	20	15 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)

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

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.