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

Date	10 November 2022
Team ID	PNT2022TMID48010
Project Name	Real time Communication System Powered by AI for Specially Abled

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.	2	High	lavanya chellamuthu sethuraaman nivetha
Sprint-2		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	lavaya
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	1	Medium	Lavanya
Sprint-2	Dashboard	USN-4	As a user, I can log into my account in a given Dashboard	1	High	Lavanya
Sprint-1	User interface	USN-5	Professional responsible for user requirements & needs	1	High	Lavanya
Sprint-3	Objective	USN-6	The goal is to describe all the inputs and outputs	1	High	Lavanya
Sprint-4	Privacy	USN-7	The developed application should be secure for the users	1	High	Lavanya

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	30 OCT 2022	04 Nov 2022	20	04 Nov 2022
Sprint-2	20	6 Days	04 Nov 2022	09 Nov 2022	20	09 Nov 2022
Sprint-3	20	6 Days	09 Nov 2022	14 Nov 2022	20	8 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	10 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.