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

Date	10 November 2022
Team ID	PNT2022TMID09339
Project Name	Project - Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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 sign up for the application by entering my email, password, and confirming my password.	2	High	Priya Dharshini Riya P
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Rohshni S SanjuShree K
Sprint-2	Registration	USN-3	As a user, I can register for the application through Mail	2	Medium	Riya P Roshni
Sprint-2	User interface	USN-4	Professional responsible for user requirements & needs	2	Medium	Priya Dharshini Riya Sanjushree
Sprint-3	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Priya Dharshini Roshni
Sprint-3	Dashboard	USN-6	As a user, I must receive any updates or pop ups in my dashboard	2	High	Sanjushree Roshni
Sprint-4	Details	USN-7	As a user, I should get notification about the progress and any updates via email or sms	1	Medium	Priya Dharshini Riya p

| Sprint-4 | Privacy | USN-8 | The developed application should be secure for the users | 2 | High | Roshni Sanjushree |

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	30 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	13 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
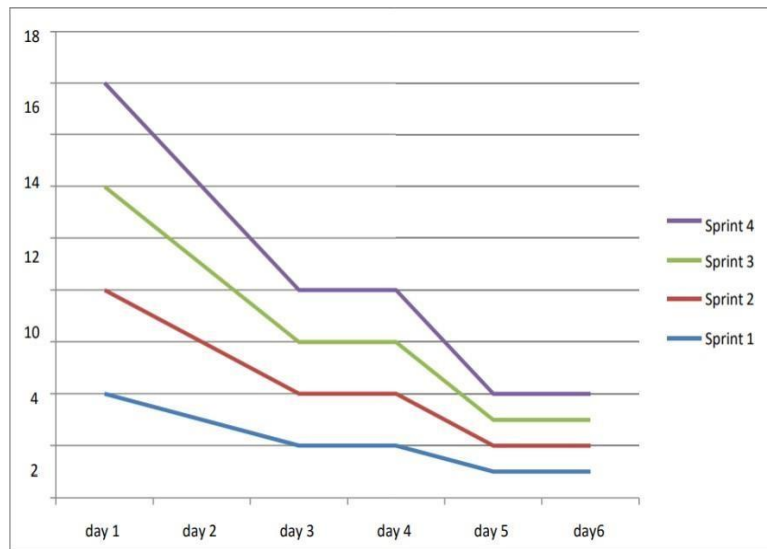(story points per day)

$$AV = \frac{sprint\ duration}{velocity}$$

AV = 6/10 = 0.6

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.

SPRINT SCHEDULE CHART:

SPRINT BURNDOWN CHART: