

## PROJECT PLANNING PHASE

### SPRINT DELIVERY PLAN

Team ID	PNT2022TMID36394
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

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

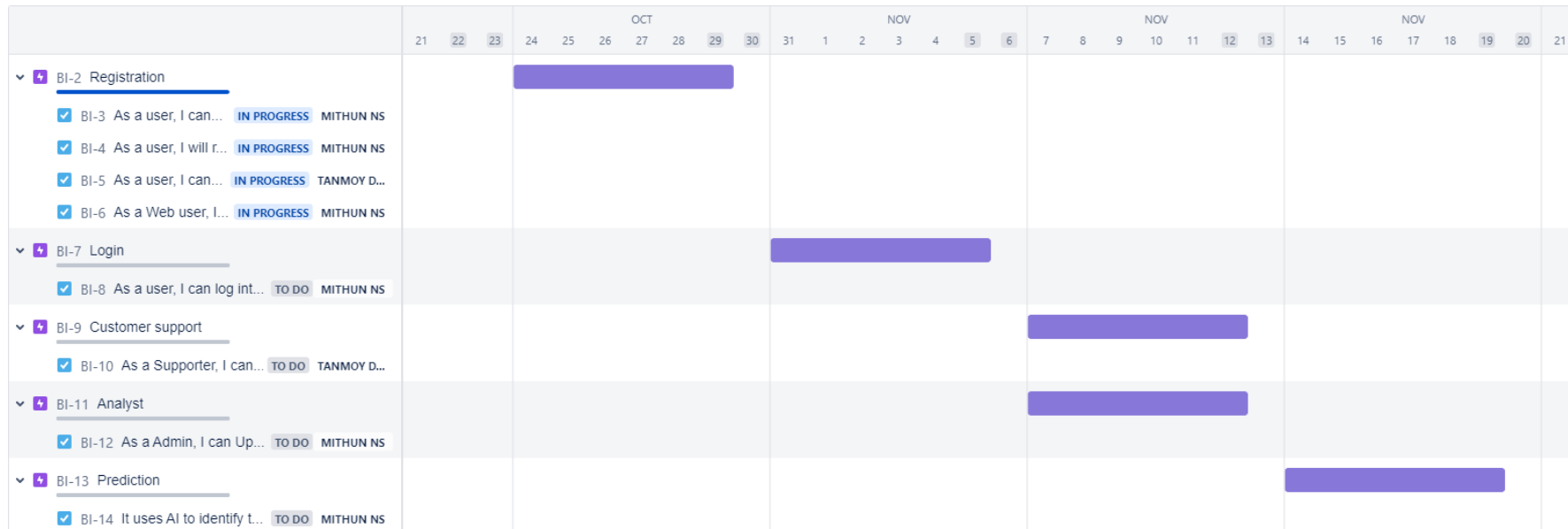
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Mithoon N S Shyam M V Tanmoy Das
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Mithoon N S Shyam M V Siddharth V
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Medium	Mithoon N S Tanmoy Das Siddharth V
Sprint-1		USN-4	As a Web user, I can register with a User ID on the System	2	High	Mithoon N S Shyam M V Tanmoy Das Siddharth V
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Mithoon N S Shyam M V Tanmoy Das Siddharth V

Sprint-3	Customer support	<u>USN-6</u>	As a Supporter, I can Understand exactly how customer use the product	1	Low	Mithoon N S Shyam M V Tanmoy Das Siddharth V
Sprint-3	Analyst	USN-7	As a Admin, I can Update many dataset about the Hand gesture	2	High	Mithoon N S Shyam M V Tanmoy Das Siddharth V
Sprint-4	Prediction	USN-8	It uses AI to identify the Sign language within the Captured photos and Live View of Prediction	2	High	Mithoon N S Shyam M V Tanmoy Das Siddharth 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

## Sprint Delivery Progress:



## 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)

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

$$=6/10$$

$$AV=0.6$$

### 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.



X- Axis: Story Points

Y-Axis: Sprints Stages