

## ProjectPlanning Phase

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

Date	07 November 2022
Team ID	PNT2022TMID42702
Project Name	Project: Real–Time Communication System Powered by AI for Specially – Abled
Maximum Marks	4 Marks

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

Sprint	Functional Requirement (Epic)	Use 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.	3	High	SASIDHARAN N
Sprint– 1	Authentication	USN– 2	As a user,I will receive OTP to confirm details.	2	High	SUJAN S
Sprint– 1	Registration	USN– 3	As a user,I will receive confirmation email once I have registered for the application.	1	Low	SIVANADHAN
Sprint– 1	Login	USN– 4	As a user,I can login to the application by entering email & password.	2	High	VISHVA B
Sprint– 2	Dashboard	USN– 5	As a user,I must have one place to explore all available features.	3	High	SASIDHARAN N
Sprint– 2	Login	USN– 6	As a user, If I forget my password, I must get an auto- generated password to reset my password.	2	Medium	SIVANADHAN
Sprint– 3	Help	USN– 7	As a user,I must be able to reach out to the Support Team to get my issues resolved.	1	Low	VISHVA B

Sprint– 3	Management	USN– 8	As a user, I can access the site using mobile/desk top.	3	High	SUJAN S
Sprint– 4	System	USN– 9	As a user, I must have access to previous usage hi story.	2	Medium	VISHVA B
Sprint– 4	System	USN– 10	As a user, I can have audio output as well as text output.	3	High	SIVANADHAN

#### Project Tracker, Velocity & Burndown Chart(4Marks):

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	8	6Days	24 October,2022	29 October,2022	0	01November,2022
Sprint– 2	5	6Days	31 October,2022	05 November,2022		07 November,2022
Sprint– 3	4	6Days	07 November,2022	12 November,2022		
Sprint– 4	5	6Days	14 November,2022	19 November,2022		

#### Velocity:

$$\text{AverageVelocity} = \frac{\text{Velocity}}{\text{SprintDuration}}$$

- AverageVelocity→AV
- Velocity→Pointspersprint
- SprintDuration →Number ofdays persprint

1. Sprint – 1 AV =  $8/6 = 1.34$
2. Sprint – 2 AV =  $5/6 = 0.834$
3. Sprint – 3 AV =  $4/6 = 0.67$
4. Sprint – 4 AV =  $5/6 = 0.834$

