

## Project Planning Phase

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

Date	03 November 2022
Team ID	PNT2022TMID22007
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

#### 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 deaf user, I can register for the application by entering my email, password, and confirming my password.	2	High	Jaisuriya. Y
Sprint-1		USN-2	As a deaf user, I will receive confirmation email once I have registered for the application	1	High	Jaisuriya. Y
Sprint-1		USN-3	As a deaf user, I can register for the application through Facebook	2	Low	Jaisuriya. Y
Sprint-1		USN-4	As a deaf user, I can register for the application through Gmail	2	Medium	Jaisuriya. Y

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-1	Login	USN-5	As a deaf user I can log into the application by entering email & password	1	High	Gunasekaran. P
Sprint-1	Dashboard	USN-6	As a deaf user I can access all the features available in the dashboard.	2	High	Gunasekaran. P
Sprint-2	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Gunasekaran. P
Sprint-2		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Gunasekaran. P
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Jithendiran. A.V
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	Jithendiran. A.V
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Jithendiran. A.V
Sprint-2	Dashboard	USN-6	As a user, I can access all the features available in the dashboard.	2	High	Jithendiran. A.V
Sprint-3	User-interface	USN-1	As a customer care executive, I am responsible for handling all the queries and reports. I can address all problems and help customers with their solution	2	Medium	Nithick Roshan. D
Sprint-4	Dashboard	USN-1	As an administrator, I monitor and control all the inputs and outputs. I can ensure whether everything functions correctly and accurately.	2	High	Nithick Roshan. D

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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	20	6 Days	29 Oct 2022	3 Nov2022	20	3 Nov 2022
Sprint-2	20	6 Days	5 Nov2022	10 Nov 2022		
Sprint-3	20	6 Days	12 Nov 2022	17 Nov 2022		
Sprint-4	20	6 Days	20 Nov 2022	26 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)

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