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

Date	07 November 2022
Team ID	PNT2022TMID27548
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	GEETHA P
Sprint– 1	Authentication	USN– 2	As a user,I will receive OTP to confirm details.	2	High	SWEATHA S
Sprint– 1	Registration	USN– 3	As a user,I will receive confirmation email once I have registered for the application.	1	Low	SWETHA S M
Sprint– 1	Login	USN– 4	As a user,I can login to the application by entering email & password.	2	High	SRUTHI B
Sprint– 2	Dashboard	USN– 5	As a user,I must have one place to explore all available features.	3	High	SWETHA S M
Sprint– 2	Login	USN– 6	As a user, If I forget my password, Imust get an auto- generated password to reset my password.	2	Medium	GEETHA P
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	SRUTHI B

Sprint– 3	Management	USN– 8	As a user, I can access the site using mobile/desktop.	3	High	SWEATHA S
Sprint– 4	System	USN– 9	As a user, I must have access to previous usage history.	2	Medium	SRUTHI B
Sprint– 4	System	USN– 10	As a user, I can have audio output as well as text output.	3	High	GEETHA P

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

Velocity:

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

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

1. Sprint– 1: AV = $\frac{8}{6}$ =1.34
2. Sprint– 2: AV = $\frac{5}{6}$ =0.834
3. Sprint– 3: AV = $\frac{4}{6}$ =0.67
4. Sprint– 4: AV = $\frac{5}{6}$ =0.834