

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID00980
Project Name	Real time communication based 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	Dhivagar.T
Sprint-1		USN-2	As a deaf user, I will receive confirmation email once I have registered for the application	1	High	Dhivagar.T
Sprint-1		USN-3	As a deaf user, I can register for the application through Facebook	2	Low	Dhivagar.T
Sprint-1		USN-4	As a deaf user, I can register for the application through Gmail	2	Medium	Dhivagar.T

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-5	As a deaf user I can log into the application by entering email & password	1	High	Balaji.G
Sprint-1	Dashboard	USN-6	As a deaf user I can access all the features available in the dashboard.	2	High	Balaji.G
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	Balaji.G
Sprint-2		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Balaji.G
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Abubakkar Siddiq.M
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	Abubakkar Siddiq.M
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Abubakkar Siddiq.M
Sprint-2	Dashboard	USN-6	As a user, I can access all the features available in the dashboard.	2	High	Abubakkar Siddiq.M
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	Dineshkumar.K
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	Dharani Dharan.D

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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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)

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