

Project Planning Phase

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

Date	20 October 2022
Team ID	PNT2022TMID27182
Project Name	Project: Real-Time communication system powered by AI for specially - abled
Maximum Marks	4 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.	3	High	Srinivasan
Sprint-1	Authentication	USN-2	As a user, I will receive OTP to confirm details.	2	High	Richard
Sprint-1	Registration	USN-3	As a user, I will receive confirmation email once I have registered for the application.	1	Low	Rahul Fernandez
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password.	2	High	Srinivasan
Sprint-2	Dashboard	USN-5	As a user, I must have one place to explore all available features.	3	High	IndiraKumar
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	Richard
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	IndiraKumar

Sprint-3	Management	USN-8	As a user, I can access the site using mobile/ desktop.	3	High	Rahul Fernandez
Sprint-4	System	USN-9	As a user, I must have access to previous usage history.	2	Medium	Srinivasan
Sprint-4	System	USN-10	As a user, I can have audio output as well as text output.	3	High	IndiraKumar

Project Tracker, Velocity & Burn down 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	8	6 Days	24 October, 2022	29 October, 2022	8	29 October, 2022
Sprint-2	5	6 Days	31 October, 2022	05 November, 2022	5	05 November, 2022
Sprint-3	4	6 Days	07 November, 2022	12 November, 2022	7	12 November, 2022
Sprint-4	5	6 Days	14 November, 2022	19 November, 2022	5	19 November, 2022

Average Velocity = _____

Sprint duration

- Average Velocity → AV
- Velocity → Points per sprint
- Sprint Duration → Number of days per sprint

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: $AV = 5/6 = 0.834$

Burndown Chart:

A burndown 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.

Planned task and Actual task

