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

Date	18October 2022
Team ID	PNT2022TMID44057
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 user, I can register for the application by entering my email, password, and confirming my password.	3	High	Vidhyamalathi. M Sebinya.P Susiladevi.K Priyadharshini.RV
Sprint-1	Authentication	USN-2	As a user will receive OTP to conform details.	2	High	Vidhyamalathi.M Sebinya.P Susiladevi.K Priyadharshini.RV
Sprint-1	Registration	USN-3	As a user I will receive confirmation mail once I have registered for the application	1	Low	Vidhyamalathi.M Sebinya.P Susiladevi.K Priyadharshini.RV
Sprint-1	Login	USN-4	As a user I will receive confirmation mail once I have registered for the application	2	High	Vidhyamalathi.M Sebinya.P Susiladevi.K Priyadharshini.RV
Sprint-2	Dashboard	USN-5	As a user I must have one place to explore all available features.	3	High	Vidhyamalathi.M Sebinya.P Susiladevi.K Priyadharshini.RV

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
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	Vidhyamalathi.M Sebinya.P Susiladevi.K Priyadharshini.RV
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	Vidhyamalathi.M Sebinya.P Susiladevi.K Priyadharshini.RV
Sprint-3	Management	USN-8	As a user, I can access the site using mobile/desk top.	3	Medium	Vidhyamalathi.M Sebinya.P Susiladevi.K Priyadharshini.RV
Sprint-4	System	USN-9	As a user, I must have access to previous usage history	2	Medium	Vidhyamalathi.M Sebinya.P Susiladevi.K Priyadharshini.R
Sprint-4	System	USN-10	As a user, I can have audio output as well as text output.	3	High	Vidhyamalathi.M Sebinya.P Susiladevi.K Priyadharshini.R

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	8	6 Days	24 Oct 2022	29 Oct 2022		1 NOV 2022
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022		

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-3	4	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022		19 Nov 2022

Velocity:

AverageVelocity=velocity/SprintDuration

- Average Velocity → AV

- Velocity →Points per sprint

- Sprint Duration →Number of Days for preparing

1.Sprint– 1: AV = 8/6=1.3

2. Sprint– 2: AV =5/6 =0.834

3. Sprint– 3: AV =4/6 =0.67

4. Sprint– 4: AV =5/6 =0.83

Burndown Chart:

A burn down 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.

Release Burndown Chart

Y-axis: Story Points (0, 20, 40, 60, 80, 100, 120, 140)

X-axis: Sprints (1, 2, 3, 4, 5, 6, 7)

Behind Schedule

Ahead of Schedule

—TODO
—DONE