

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID52686
Project Name	Project - 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	Communi-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Clifford lebo.J Vishal.R
Sprint-1	Registration	Communi-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Kirubakaran.G Selva.V
Sprint-2	Registration	Communi-3	As a user, I can register for the application through Phone number	2	Medium	Kirubakaran.G
Sprint-2	User Interface	Communi-4	Professional responsible for user requirements and needs	2	Medium	Selva.V
Sprint-3	Login	Communi-5	As a user, I can log into the application by entering email & password	1	High	Vishal.R Selva.V
Sprint-3	Dashboard	Communi-6	As a user, I must receive any updates or pop ups in my dashboard	2	High	Clifford lebo.J
Sprint-4	Details	Communi-7	As a user, I should get notification about the progress and any updates via email or sms	1	Medium	Vishal.R
Sprint-4	Privacy	Communi-8	The developed application should be secure for the users	2	High	Kirubakaran.G Clifford lebo.J

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	10	6 Days	22 Oct 2022	27 Oct 2022	10	27 Oct 2022
Sprint-2	10	6 Days	29 Oct 2022	03 Nov 2022	10	03 Nov 2022
Sprint-3	10	6 Days	05 Nov 2022	10 Nov 2022	10	11 Nov 2022
Sprint-4	10	6 Days	12 Nov 2022	17 Nov 2022	10	27 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)

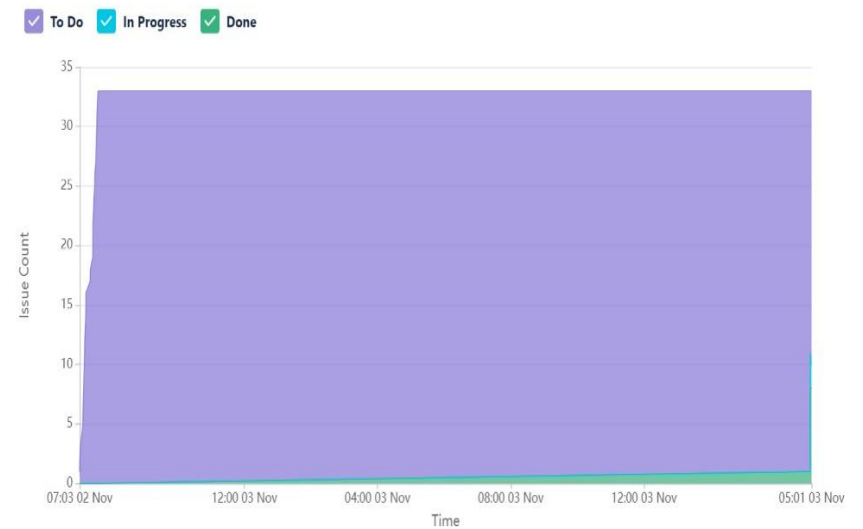
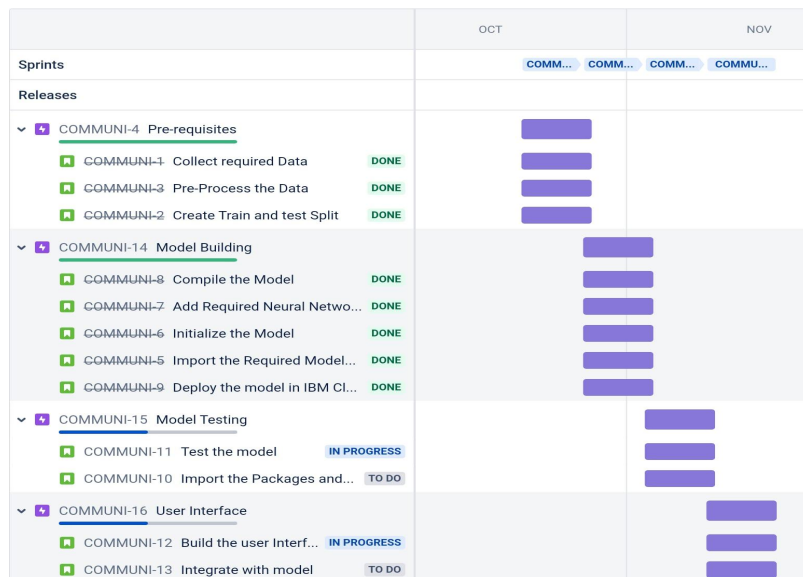
$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

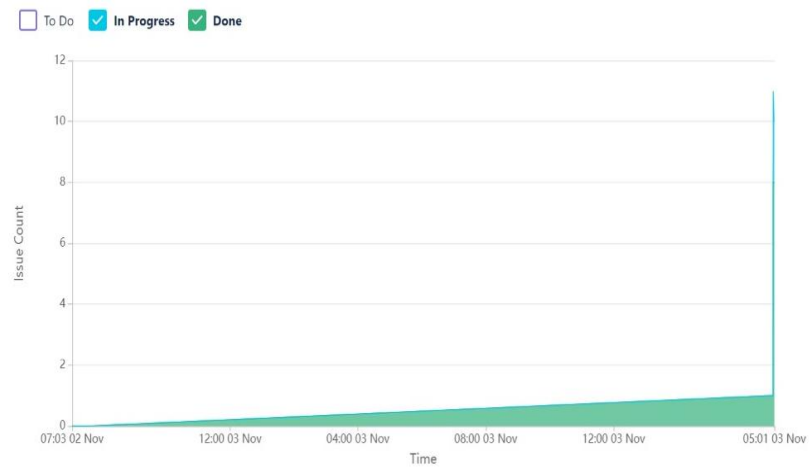
$$AV = 6/10 = 0.6$$

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.

Sprint Burnout Chart:





Sprint Schedule Chart:

