

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID30279
Project Name	Project - Personal Assistance for Seniors Who Are Self-Reliant
Maximum Marks	8 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	IBM Watson IOT platform	USN-1	Creating devices , board and generating data	2	High	Meha M Dinesh Sankar G.K Vasuntharaa Devi K Sowmikaa K Arthi V
Sprint-2	Storing Data using node-red	USN-2	Storing the data in IBM Cloudant DB through node-red functions	1	High	Meha M Dinesh Sankar G.K Vasuntharaa Devi K Sowmikaa K Arthi V
Sprint-3	Frontend in App	USN-3	Creating the frontend for users to use the medicine reminder app in MIT App inventor	2	Low	Meha M Dinesh Sankar G.K Vasuntharaa Devi K Sowmikaa K Arthi V
Sprint-4	Backend in App	USN-4	Designing the block of backend for the app in MIT App inventor	2	Medium	Meha M Dinesh Sankar G.K Vasuntharaa Devi K Sowmikaa K Arthi V

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-5	User Login	USN-5	As a user, I can register for the application through Gmail and login in to the app	1	High	Meha M Dinesh Sankar G.K Vasuntharaa Devi K Sowmikaa K Arthi V

Project Tracker, Velocity & Burndown Chart: (4 Marks)

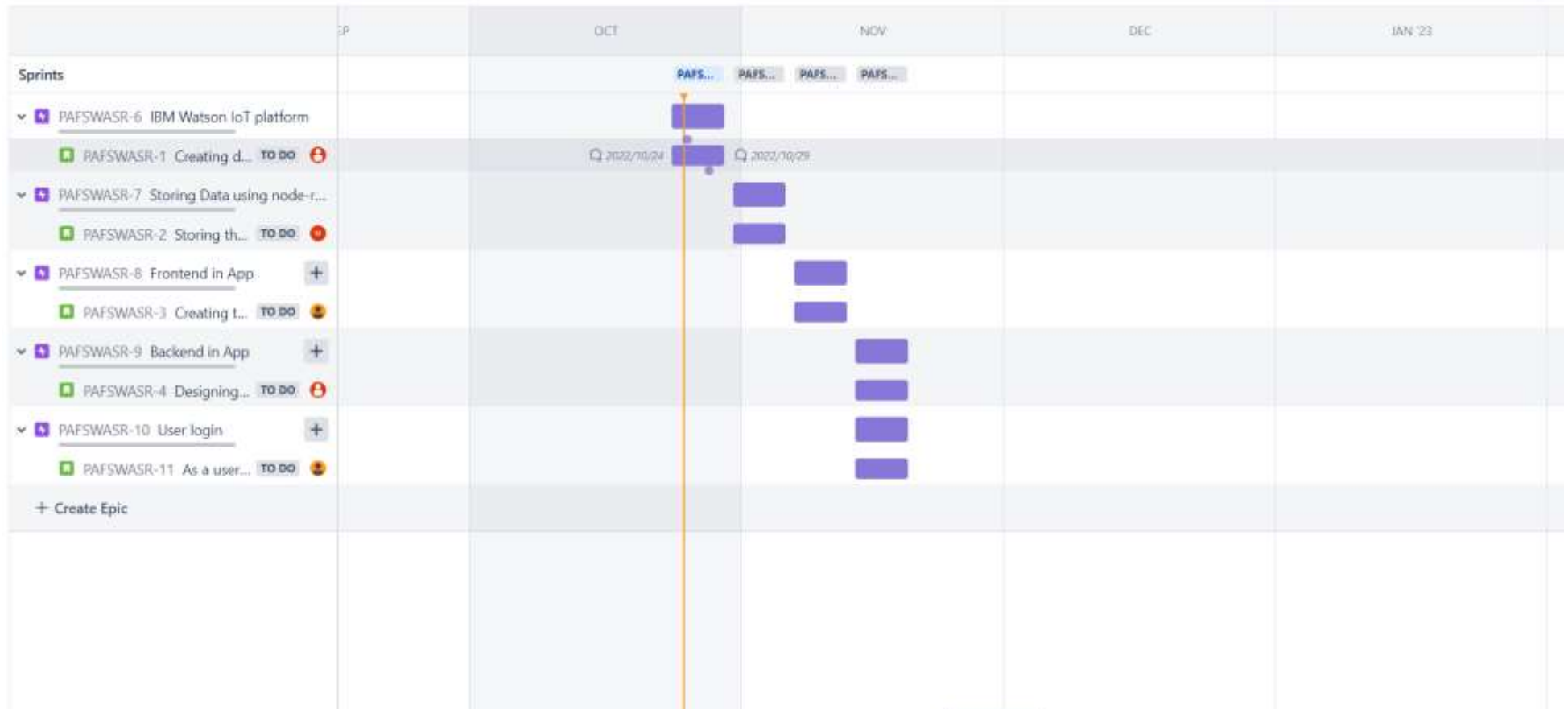
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	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)

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

ROADMAP



Burndown Chart:



Sprint 1

Sowmikaa K

Sprint 2

Arthi V

Sprint 3

Meha M

Sprint 4

Dinesh Sankar G.K
Vasuntharaa Devi K