

Project Planning Phase

Sprint Delivery Plan

Date	21 October 2022
Team ID	PNT2022TMID11112
Project Name	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	Registration Creation of IBM services like Node-RED, cloudant DB, TTS Service and design for IOT System	USN-1	As a user, I must be able to login to the IBM Platform	2	High	Thirupura Sundhari.K Srilalitha.R
Sprint-2	Web UI Creation of web UI using Node-RED service	USN-2	As a user, I must be able to update the	2	High	Sathana R Sneka.S
Sprint-3	Software Implementation Developing python code to retrieve data from cloudant db to send that data to IOT device	USN-3	As a user, I must push the details to the IOT device	2	High	Sneka S Srilalitha.R
Sprint-4	Final demonstration and user testing. Generating voice commands using IBM Text to speech service	USN-4	As a user, I can log into the application by entering email & password	2	High	Sathana R Thirupura Sundhari.K

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	30	30 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	49	06 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	50	07 Nov 2022

Velocity:

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

Burndown Chart:

