

## PROJECT PLANNING PHASE

### (Product Backlog, Sprint Planning, Stories, Story points)

Date	10 November 2022
Team ID	PNT2022TMID12156
Project Name	Personal Assistance for Seniors Who Are Self Reliant
Maximum Marks	8 Marks

### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirements(Epic)	User Story Number	User Story/Task	Story Points	Priority	Team Members
Sprint-1	Buzzer (Set Alarm)	USN-1	As a user, I can set an alarm to alerting a medicine through medicine remainder system	10	High	Pavithra.M Vijay J.E Harikrishnan.S Santhosh.G
Sprint-1	Form	USN-2	As a user, I can Activate and Deactivate the alarm	10	High	Pavithra.M Vijay J.E Harikrishnan.S Santhosh.G
Sprint-2	Cloudant	USN-3	As a user once I can the set the alarm then I gets the notification	1	Low	Pavithra.M Vijay J.E Harikrishnan.S Santhosh.G
Sprint-2	Task	USN-4	Create All the Required Specifications (Node Red, IoT Device, Cloud, etc.)	19	High	Pavithra.M Vijay J.E Harikrishnan.S Santhosh.G
Sprint-3	Task	USN-5	Connecting the Node red, cloud, IoT	18	High	Pavithra.M Vijay J.E

			Device, Web UI, IoT Watson, TTS Service,			Harikrishnan.S Santhosh.G
Sprint-3	Cloud	USN-6	As a user, I can store the name of the medicine with its description	2	Medium	Pavithra.M Vijay J.E Harikrishnan.S Santhosh.G
Sprint-4	Device	USN-7	As a user, they can also help large hospitals and clinics manage their inventory more effectively	10	Low	Pavithra.M Vijay J.E Harikrishnan.S Santhosh.G
Sprint-4	Device, Cloud	USN-8	As a user, they used for keeping the record in medicine details the reminding the schedule of medicine. We have used the IoT enabled arduino device for monitoring the system	10	High	Pavithra.M Vijay J.E Harikrishnan.S Santhosh.G

### 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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	13 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	20 Nov 2022

## Velocity:

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

## Burndown Chart:

