

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

Date	18 October 2022
Team ID	PNT2022TMID21391
Project Name	Personal assistance for seniors who are self-reliant
Maximum Marks	8 Marks

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Medication Details	USN-1	As a user, I take the medicines that should intake daily and put them in the medicine box by the day order separately	10	Low	Nisha C Fathima D Harni V Sangeetha M
Sprint-1		USN-2	As a user, by setting the particular time,medicine names the elders can be notified appropriately.	10	High	Nisha C Fathima D Harni V Sangeetha M
Sprint-2	Set Time	USN-3	As a user,I set the desired time,medicine names and the dosages in the medicine remainder system.	10	High	Nisha C Fathima D Harni V Sangeetha M
Sprint-2		USN-4	The above setted details were stored in IBM Cloudant DB,which helps to notify the people on time	10	Medium	Nisha C Fathima D Harni V Sangeetha M
Sprint-3	Notification	USN-5	The time,medicine names and the dosages are setted and these details were stored in IBM Cloudant DB. When the medicine time arrives the web application send the medicine name to the IOT device Arduino.	10	High	Nisha C Fathima D Harni V Sangeetha M
Sprint-3		USN-6	By that device elders can be notified and also caretaker can receive the conformation	10	High	Nisha C Fathima D

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Harni V Sangeetha M
Sprint-4	Monitoring and Tracking health Status	USN-7	In IBM Cloudant DB the time,medicine names and the dosages are stored.By which the elders medication and health records were keep on tracking	20	High	Nisha C Fathima D Harni V Sangeetha M

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	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

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

$$AV=20/6=3.33$$