Project Planning Phase

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

Date	31 October 2022
Team ID	PNT2022TMID40888
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	Buzzer(Set Alarm)	USN-1	As a user, I can set an alarm to alerting a medicine through medicine remainder system	10	High	Srinivasan.C
Sprint-1	Form	USN-2	As a user, I can Activate and Deactivate the alarm	10	High	Srinivasan.C
Sprint-2	Cloudant	USN-3	As a user once I can the set the alarm then I gets the notification	1	Low	Kavin.T.S Jayarahul.V Gangadharan.M
Sprint-2	Task	USN-4	Create All the Required Specifications(Node Red,IoT Device, Cloud,etc,.)	19	High	Kavin.T.S Jayarahul.V Gangadharan.M
Sprint-3	Task	USN-5	Connecting the Node red, cloud,IoT Device, Web UI, IoT Watson,TTS Service,	18	High	Kavin.T.S Jayarahul.V Gangadharan.M
Sprint-3	Cloud	USN-6	As a user, I can store the name of the medicine with its description	2	Medium	Kavin.T.S Jayarahul.V Gangadharan.M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Device	USN-7	As a user, they can also help large hospitals and clinics manage their inventory more effectively	10	Low	Kavin.T.S Jayarahul.V Gangadharan.M
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	Kavin.T.S Jayarahul.V Gangadharan.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	3 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	6 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	13 Oct 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	20 oct 2022

Velocity:

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

AV = Sprint Duration/ Velocity

= 30 / 27 = 1.11 AV

BurnDown Chart: