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

Date	03-11-2022
Team ID	PNT2022TMID11020
Project name	Signs with Smart medicine reminder for elderly people
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirements(Epic)	User Story Number	User Story / Task	Story points	Priority	Team Members
Sprint 1	Set Alarm	USN-1	As a user, I can set an alarm to alerting a medicine through medicine remainder system	10	High	K.S.Kautham Vetrivel
Sprint 1		USN-2	As a user, I can Activate and Deactivate the alarm	10	High	T.N.Sagar
Sprint 2	Notification	USN-3	As a user once I can the set the alarm then I gets the notification	10	Low	T.N.Sagar
Sprint 2		USN-4	As a user, If I requires this system then a notification will be sent into his device.	10	Medium	R.Ranjith
Sprint 3	Medication Detail	USN-5	As a user, I have multiple medications each day, I can put each pill in the box for the corresponding day.	10	High	S.Krithik Gokul

Sprint 3		USN-6	As a user, between setting an alarm and using a pillbox, I'll be able to stay on top of your medications and not miss a dose.	5	low	S.Krithik Gokul, T.N.Sagar , R.Ranjith, K.S.Kautham Vetrivel
Sprint 3		USN-7	As a user, I can store the name of the medicine withits description	10	High	S.Krithik Gokul , T.N.Sagar ,K.S.Kautham Vetrivel.
Sprint 4	GPS Tracking	USN-8	As a user, they can also help large hospitals and clinics manage their inventory more effectively	5	Low	S. Krithik Gokul, T.N.Sagar,K.S.Kautham Vetrivel.
	Sensor	USN-9	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	R.Ranjith, T.N.Sagar, K.S.Kautham Vetrivel, S.Krithik Gokul

Project Tracker, Velocity & Burndown Chart:

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	8 days	29-10-2022	5-11-2022	20	13-11-2022
Sprint 2	10	8 days	7-11-2022	14-11-2022	10	15-11-2022
Sprint 3	20	8 days	16-11-2022	23-11-2022	20	17-11-2022
Sprint 4	10	8 days	23-11-2022	30-11-2022	10	21-11-2022

Velocity: Let's calculate the team's average velocity (AV) per iteration unit (story points per day).

$$AV = Velocity / Sprint \ Duration$$
$$= 20 / 8$$
$$= 2.5$$

$$AV = 10 / 8$$
$$= 1.25$$

Burndown Chart :