

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

Date	01-11-2022
Team Members	R. Swetha, J. Nivetha, M. Karthica, J. Sujitha
Project name	Personal Assistant For Seniors Who Are Self Reliant

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (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	R. Swetha
Sprint 1		USN-2	As a user, I can Activate and Deactivate the alarm	10	High	J. Nivetha
Sprint 2	Notification	USN-3	As a user once I can the set the alarm then I gets the notification	10	High	M. Karthica
Sprint 2		USN-4	As a user, If I requires this system then a notification will be sent into his device.	10	High	J. Sujitha
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	R. Swetha

Sprint 3		USN-6	As a user, between stting an alarm and using a pillbox, I'll be able to stay on top of your medications and not miss a dose.	5	Low	R.Swetha, J.Nivetha, M.Karthica, J.Sujitha
Sprint 3		USN-7	As a user , I can stire the name of the medicine with its description.	10	High	R.Swetha, J.Nivetha, M.Karthica, J.Sujitha
Sprint 4	GPS Tracking	USN-8	As a user, they can also help large hospitals and clinics manage their inventory more effectively.	5	Low	R.Swetha, J.Nivetha, M.Karthica, J.Sujitha
Sprint 4	Sensor	USN-9	As a user , they used for keeping the record in medicine details the reminding the schedule of medicine. We have the IoT enabled Arduino device for monitoring the system.	10	High	R.Swetha, J.Nivetha, M.Karthica, J.Sujitha

Project Tracker, Velocity & Burndown Chart:

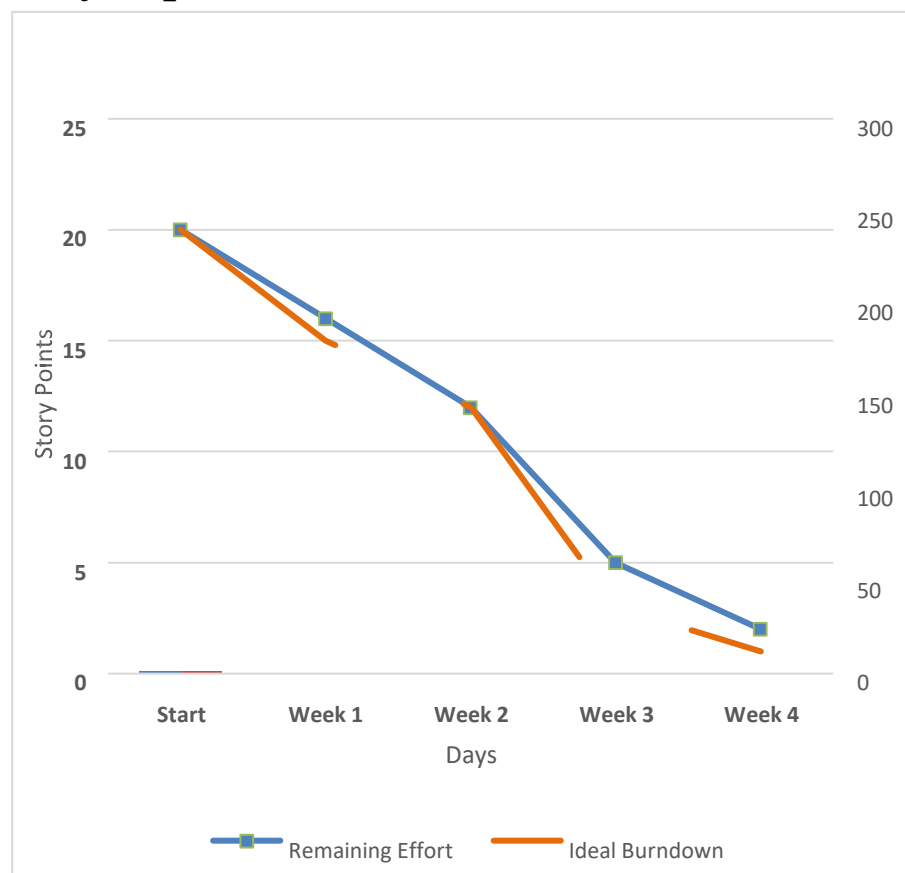
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint 1	20	8 days	02-10-2022	15-11-2022	20	17-11-2022
Sprint 2	10	8 days	09-11-2022	20-11-2022	10	21-11-2022
Sprint 3	20	8 days	20-11-2022	27-11-2022	20	29-11-2022

Sprint 4	10	8 days	26-11-2022	03-12-2022	10	05-11-2022
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Velocity: . Let's calculate the team's average velocity (AV) per iteration unit (story points per day).

Burndown Chart :

$$AV = \text{Velocity} / \text{Sprint Duration}$$



$$= 20 / 8$$

$$= 2.5$$

$$AV = 10 / 8$$

$$= 1.25$$