

PROJECT PLANNING PHASE SPRINT DELIVERY PLAN

Date	02-11-2022
Team ID	PNT2022TMID38529
Project Title	Personal Assistance for Seniors who are Self-reliant

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement	User Story / Task	Story points	Priority	Team Members
Sprint 1	Set Alarm	As users, we can set an alarm about the medicine to be taken via medicine reminder system.	10	High	Sindhiya K
Sprint 1		As users we can activate and deactivate the alarm according to our need.	10	High	Sathya R
Sprint 2	Notification	As user once we set the alarm we should get the notification that the alarm has been set.	10	High	Kalaiselvi
Sprint 2		As users we can also notify the system that the alarm has been set.	10	High	Aravind
Sprint 3	Medication Detail	As users, we may have several medications each day so we can separate the pills according to the corresponding day..	10	High	Sindhiya K
Sprint 3		As users, between setting an alarm and using a pillbox. They'll be able to stay on top of your medications and not miss the dose.	5	Low	Sindhiya, Sathya, Kalaiselvi
Sprint 3		As a user, I can store the name of the medicine with its description.	10	High	Sindhiya, Kalaiselvi
Sprint 4	GPS Tracking	As a user, they can also help large hospitals and clinics manage their inventory more effectively	5	Low	Sathya, Kalaiselvi, Aravind
	Sensor	As users ,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	Sindhiya, Sathya,

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	4-11-2022
Sprint 2	10	8 days	7-11-2022	14-11-2022	10	13-11-2022
Sprint 3	20	8 days	16-11-2022	23-11-2022	20	23-11-2022
Sprint 4	10	8 days	23-11-2022	30-11-2022	10	30-11-2022

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

SPRINT 1: $AV = \text{Velocity} / \text{Sprint Duration}$
 $= 20 / 8 = 2.5$

SPRINT 2: $AV = 10 / 8 = 1.25$

SPRINT 3: $AV = 20 / 8 = 2.5$

SPRINT 4: $AV = 10 / 8 = 1.25$

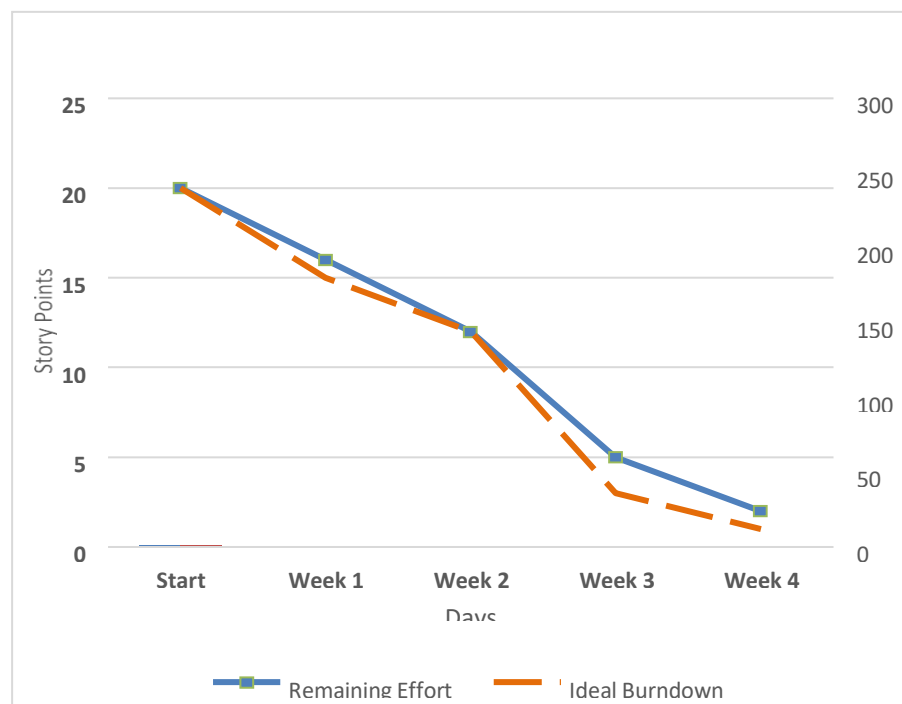


FIG: BURNDOWN CHART