

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID35939
Project Name	Medicine Reminder
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	Registration	USN-1	As a user, I want to take Medicines on time and monitor my health by registering my email, password, and confirming my password.	10	High	VIGNESH S, NEERAJA N, SWATHI R, PRAJWEL ANAND KUMAR
		USN-2	As a user, I will receive confirmation email once I have registered for the application.	5	High	VIGNESH S, NEERAJA N, SWATHI R, PRAJWEL ANAND KUMAR
	Login	USN-3	As a user, I can log into the application by entering email & password	5	High	VIGNESH S, NEERAJA N, SWATHI R, PRAJWEL ANAND KUMAR
Sprint-2	Action	USN-4	As a user, my patient needs to take medicines on time and monitoring the activity	15	High	VIGNESH S, NEERAJA N, SWATHI R, PRAJWEL ANAND KUMAR
		USN-5	As a user, I get the instant notification	5	Low	VIGNESH S, NEERAJA N, SWATHI R, PRAJWEL ANAND KUMAR

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Data Viewing	USN-6	As a user, I need to take my medicine in nearby places with light notification	20	High	VIGNESH S, NEERAJA N, SWATHI R, PRAJWEL ANAND KUMAR
Sprint-4	Storage	USN-7	As a user, my patient needs medication time and prescription should load in database for upcoming week	10	High	VIGNESH S, NEERAJA N, SWATHI R, PRAJWEL ANAND KUMAR
		USN-8	As a user, I can experience enhanced features and user-friendly medicine reminder system	10	Medium	VIGNESH S, NEERAJA N, SWATHI R, PRAJWEL ANAND KUMAR

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:

We have a 6-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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{6} = 3.33$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum.

