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

Date	18 October 2022
Team ID	PNT2022TMID32641
Project Name	Project – Medication 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 can register for the application by entering my email, password, and confirming my password.	5	High	Nandhini, Srithy
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Nandhini, Srithy
Sprint-1		USN-3	As a user, I can upload the medicine names, time and date.	5	Low	Priyadharshan, Nihila
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	3	High	Srithy, Priyadharshan
Sprint-1		USN-5	As a user, I can upload the medicine names, time and date after login.	5	High	Nandhini, Priyadharshan
Sprint-2	Dashboard	USN-6	As a user, I can use consultation feature in the dashboard.	13	Low	Nandhini, Nihila
Sprint-2		USN-7	As a user, I can put notes about my medicine.	2	Medium	Priyadharshan, Nihila
Sprint-2		USN-8	As a user, I can refer the consultants suggested by the application.	5	High	Nandhini, Priyadharshan
Sprint-3		USN-9	As a user, I can use reminder options in the dashboard	5	High	Srithy, Nihila
Sprint-3		USN-10	As a user, I can receive health tips daily.	13	Medium	Nihila, Priyadharshan
Sprint-3		USN-11	As a user, I can receive food items recommendations.	2	Low	Nihila, Srithy

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Admin panel	USN-12	As an app admin, I can use manage user options in the dashboard	13	High	Nandhini, Srithy
Sprint-4		USN-13	As an app admin, I can introduce new alert option in the dashboard.	5	Low	Nandhini, Priyadharshan,
Sprint-4		USN-14	As an app admin, I can manage the medicine storage	2	Low	Nihila, Nandhini

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:

Imagine we have a 10-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)

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

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. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts