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

Date	18 October 2022
Team ID	PNT2022TMID21451
Project Name	Project - Personal Assistance for SeniorsWho Are SelfReliant
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	CUSTOMER REGISTRATION	USN-1	As a User, I can register for the application by entering my mail, password and confirming my password.	2	High	Rich and Gokul
Sprint-1	AUTHORIZATION	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Kamalakannan
Sprint-2	USER INTERFACE	USN-3	Using Mobile applications it is easy receive an alert when the medicine is missed to take and also giving correct medicines at correct time.	2	High	Dharani & Gokul
Sprint-1	SYSTEM DESIGN	USN-4	Uses cloud databases to store medicinal reports. Connecting API to the cloud and mobile application. Connecting an IOT device to the cloud	2	Medium	Rich & Gokul
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Rich & kamalakannan
	Dashboard					

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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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