Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	23October 2022
Team ID	PNT2022TMID32772
Project Name	Project – Personal Assistance for Seniors Who are Self Reliant.
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 email, password, and confirming my password.	3	High	MalavikaM,Nanthini N
Sprint-2	Authorization	USN-2	As a user, I will receive confirmation email once I have registered for the application	2	Medium	SanthiyaR,Nandhini SJ
Sprint-3	User Interface	USN-3	While using mobile application Spontaneous alert is received when the time comes to take the medicine.	3	High	MalavikaM,NandhiniSJ,Santhiya R
Sprint-4	System Design	USN-4	Utilize the Cloud Database to store Medical data. Connecting API to the cloud and mobile application. Connecting an IOT device to the cloud.	3	High	NanthiniN,SanthiyaR,NandhiniSJ,Malavika M

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:
Sprint1 Average Velocity:
Average Velocity=20/6=3.3

Sprint2 Average Velocity:
Average Velocity=20/6=3.3

Sprint3 Average Velocity:
Average Velocity=20/6=3.3

Sprint4 Average Velocity:
Average Velocity=20/6=3.3

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