Project Planning Phase

Sprint Delivery Plan (Product Backlog, Sprint Planning, Stories, Story points)

Date	18 November 2022
Team ID	PNT2022TMID34709
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	A.Amala Hershini S.Diana N.Ajasha K.Abisha
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	A.Amala Hershini S.Diana N.Ajasha K.Abisha
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	A.Amala Hershini S.Diana N.Ajasha K.Abisha
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	A.Amala Hershini S.Diana N.Ajasha K.Abisha
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	A.Amala Hershini S.Diana N.Ajasha K.Abisha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	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	2 Nov 2022	8 Nov 2022	20	29 Oct 2022
Sprint-2	20	6 Days	4 Nov 2022	10 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	13 Nov 2022		
Sprint-4	20	6 Days	12 Nov 2022	18 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