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

Date	04 November 2022
Team ID	PNT2022TMID39429
Project Name	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT
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	Installation and Creating Account	USN-1	As a old person, I will install the health monitoring app and I will create an account using mobile number.	4	High	MINUTHAA.S MADHAVIKA.R KEERTHANA.K VARALAKSHMI.S
Sprint-1	Login	USN-2	As a old person, I will sign in using mobile number to know my health updates.	4	High	MINUTHAA.S MADHAVIKA.R KEERTHANA.K VARALAKSHMI.S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Analysing	USN-3	As a old person, I will verify whether the health monitoring device is linked and it is secure.	4	High	MINUTHAA.S MADHAVIKA.R KEERTHANA.K VARALAKSHMI.S
Sprint-3	Alert	USN-4	As a old person, I will get an alert message through mobile phone • when my health condition is critical. • When my pills gets over.	4	High	MINUTHAA.S MADHAVIKA.R KEERTHANA.K VARALAKSHMI.S
Sprint-4	Monitoring	USN-5	As a old person, I can know about my heart- rate, blood pressure ,body temperature and pills availability which is monitored by the monitoring device.	4	High	MINUTHAA.S MADHAVIKA.R KEERTHANA.K VARALAKSHMI.S
Sprint-5	End user	USN-6	As a old person, I will maintain my health reports which is stored in data collecting device.	4	High	MINUTHAA.S MADHAVIKA.R KEERTHANA.K VARALAKSHMI.S

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	22 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint- 2	20	6 Days	30 Oct 2022	06 Nov 2022	20	06 Nov 2022
Sprint- 3	20	6 Days	07 Nov 2022	14 Nov 2022	20	14 Nov 2022
Sprint- 4 and 5	20	6 Days	15 Nov 2022	22 Nov 2022	20	22 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 = SPRINT DURATION / VELOCITY

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

Goal: 80 Hours in 6 Days
BURNDOWN CHART

- BURNDOWN CHART ESTIMATED EFFORT
- BURNDOWN CHART ACTUAL EFFORT