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

Date	02 November 2022
Team ID	PNT2022TMID31884
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 Mem
Sprint-1	Hardware or Simulation Software	USN-1	Using Wokwi , Connect ESP-32 with Ultra-Sonic Sensor with Python script	2	High	Sanjaykumar.R, Sundar Raj.A, Karan.S.K, Dhanasekar.J
Sprint-2	Cloud Software	USN-2	Create Device in the IBM Watson IOT Platform and link it to Wokwi	2	High	Sanjaykumar.R, Sundar Raj.A, Karan.S.K, Dhanasekar.J
Sprint-3	MIT app invertor or Website	USN-3	Using MIT app invertor to develop a Mobile app	2	High	Sanjaykumar.R, Sundar Raj.A, Karan.S.K, Dhanasekar.J
Sprint-4	linking	USN-4	Link Device, IBM cloud and the developed appllication	2	High	Sanjaykumar.R, Sundar Raj.A, Karan.S.K, Dhanasekar.J

Velocity:

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

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)