

## Project Planning Phase

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

DATE	22 <sup>nd</sup> OCTOBER 2022
TEAM ID	PNT2022TMID12805
PROJECT NAME	Project – Personal Assistance for Seniors who are Self-Reliant.
MAXIMUM MARKS	8 MARKS

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

SPRINT	FUNCTIONAL REQUIREMENTS (EPIC)	USER STORY NUMBER	USER STORY / TASK	STORY POINTS	PRIORITY	TEAM MEMBERS
Sprint - 1	APPLICATION DEVELOPMENT	USN - 1	To develop a mobile application for a caretaker to enter medication details in the MIT app inventor.	3	High	Ghowshik, Awinstan
Sprint - 2	HARDWARE IMPLEMENTATION	USN - 2	We will create hardware that acts as a reminder to senior people.	3	Medium	Ghowshik, Suryaa
Sprint - 3	INTEGRATION PHASE	USN - 3	To integrate the application developed and the hardware	3	High	Suryaa, Awinstan and Sowbarnika
Sprint - 4	SYSTEM DESIGN	USN - 4	Uses a cloud database to store medication schedules.	3	High	Ghowshik, Sowbarnika

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	25	10 Days	24-Oct-2022	3-Nov-2022	25	04-Nov-2022
Sprint - 2	15	4 Days	01-Nov-2022	5-Nov-2022	15	05-Nov-2022
Sprint - 3	25	7 Days	02-Nov-2022	09-Nov-2022	25	09-Nov-2022
Sprint - 4	15	9 Days	08-Nov-2022	17-Nov-2022	15	17-Nov-2022

### Velocity:

Sprint 1 average velocity:

$$\text{Average velocity} = 25 / 10 = 2.5$$

Sprint 2 average velocity:

$$\text{Average velocity} = 15 / 4 = 3.75$$

Sprint 3 average velocity:

$$\text{Average velocity} = 25 / 7 = 3.5$$

Sprint 4 average velocity:

$$\text{Average velocity} = 15 / 9 = 1.7$$