

Project Planning Phase

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

DATE	OCTOBER 2022
TEAM ID	PNT2022TMID17990
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	CONSUMER REGISTRATION	USN - 1	As a User, I can register for the application by entering my mail, password and confirming my password.	3	High	Niranjana, Kaviyadharshini
Sprint - 2	AUTHORIZATION	USN - 2	As a user, I will receive confirmation email once I have registered for the application	3	Medium	Pavithra, Anand
Sprint - 3	USER INTERFACE	USN - 3	Using Mobile application, it is easy receive an alert when the medicine is missed to take and	2	High	Anand, Kaviyadharshini
Sprint - 4	SYSTEM DESIGN	USN - 4	Uses cloud database to store medicinal reports. Connecting API to the cloud and mobile application. Connecting an IOT device to the cloud.	3	High	Niranjana, Kaviyadharshini, Pavithra, Anand

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	15	5 Days	24-Oct-2022	28-Oct-2022	15	28-Oct-2022
Sprint - 2	10	4 Days	29-Oct-2022	01-Nov-2022	10	01-Nov-2022
Sprint - 3	20	6 Days	02-Nov-2022	07-Nov-2022	20	07-Nov-2022
Sprint - 4	25	10 Days	08-Nov-2022	17-Nov-2022	25	17-Nov-2022

Velocity:

Sprint 1 average velocity:

$$\text{Average velocity} = 15 / 5 = 3$$

Sprint 2 average velocity:

$$\text{Average velocity} = 10 / 4 = 2.5$$

Sprint 3 average velocity:

$$\text{Average velocity} = 20 / 6 = 3.3$$

Sprint 4 average velocity:

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