Project Planning Phase

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

Date	20 October 2022
Team ID	PNT2022TMID11032
Project Name	IOT Based Advanced Medical Assistance
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 the password	2	High	SANJITHA K
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	RENJINI M
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	PRAISELIN C
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	MARINA SHANSHIYA F P
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	PRAISELIN C
Sprint-1	Dashboard	USN-6	As a user, I can log into the application by entering email & password and access all the resources and services available	2	High	RENJINI M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Login	USN-1	As an Alzheimer's patient, I can login my profile and start monitoring the health status	3	High	MARINA SHANSHIYA F P
Sprint-2	Dashboard	USN-2	As an audio alarm, I help the elderly who is cognitively impaired by reminding to take the prescribed dosage at the scheduled time	2	Medium	SANJITHA K
Sprint-3	Login	USN-1	As a GPS tracker, I track the location of the Alzheimer's patient that can be monitored through guardian	3	High	RENJINI M
Sprint-3	Dashboard	USN-2	As a storage element, I store the entire details of the patient including important events and taking pills on time etc…	2	Medium	SANJITHA K
Sprint-4	Login	USN-1	As an indicator, I indicate the battery level of the device when it is low	3	High	PRAISELIN C

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	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 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)

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