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

Date	18 October 2022
Team ID	PNT2022TMID52751
Project Name	Project - Personal Assistance for Seniors Who Are Self-Reliant
Maximum Marks	8 Marks

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

Sprint	rint Functional User Story User Story / Task Requirement (Epic) Number		Story Points	Priority	Team Members	
Sprint-1	Creation of WEB UI	USN-1	Create an application using IBM Watson and Node Red	10	High	Sankar Kalidas
Sprint-1	Registration	USN-2	I want to register for the application by entering my email	4	High	Bala Surya
Sprint-1		USN-3	I want to register for the application using my phone number	4	Medium	Bala Surya
Sprint-1	Authorization	USN-4	I want to confirm my registration using OTP or Email		Low	Kavi
Sprint-1		USN-5	I want to login using my email/phone number and password	1	High	Praveen
Sprint-2	Creating database in IBM Cloud	USN-6	I want to store my medicine intake data in a tabular form for better remembrance	10	High	Roshan Tariq
Sprint-2		USN-7	I would like to update the information in the medicine intake chart so as to prevent any incidents	5	Medium	Roshan Tariq
Sprint-3	Text-to-Speech	USN-8	I would like a voice based reminder system for efficient reminding	20	High	Bala Surya, Roshan Tariq,Sankar Kalidas
Sprint-4	Report Generation	USN-9	I want to see reports on my medicine intake for this current week	20	Medium	Praveen, Kavi

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	7 Days	21 Oct 2022	27 Oct 2022	20	01 Nov 2022
Sprint-2	15	7 Days	28 Oct 2022	03 Nov 2022	15	07 Nov 2022
Sprint-3	20	7 Days	07 Nov 2022	13 Nov 2022	20	11 Nov 2022
Sprint-4	20	7 Days	14 Nov 2022	20 Nov 2022	20	17 Nov 2022

Velocity:

$$AV = (sprint \ duration) / (velocity) = 20/7 = 2.85$$

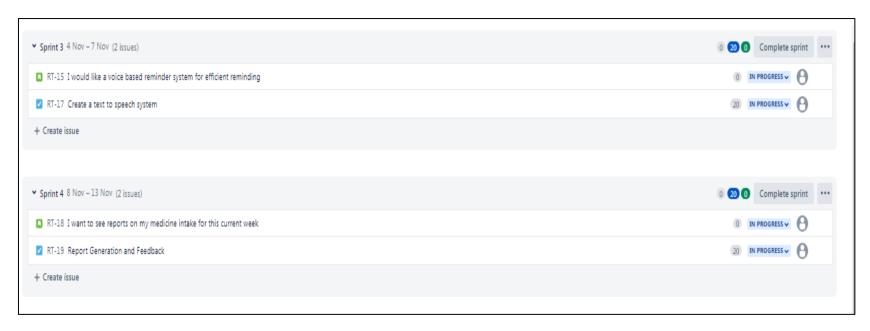
$$AV = (sprint duration)/(velocity) = 15/7 = 2.14$$

Scrum Project Planning:

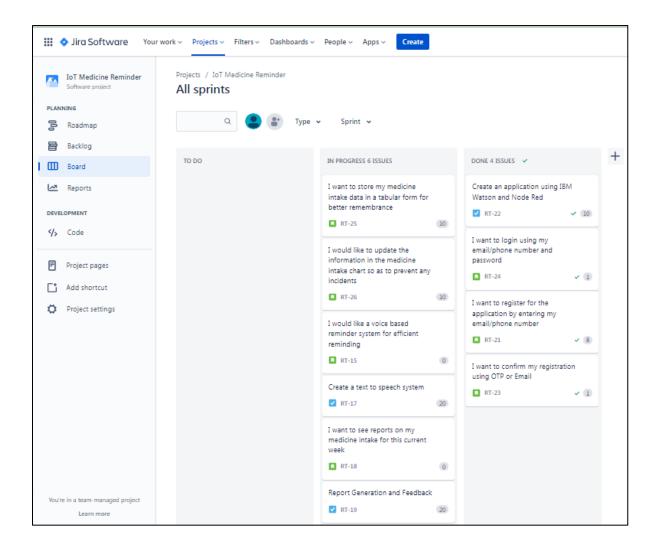
-Sprints 1 and 2:



-Sprints 3 and 4:



-All Sprints:



Burndown Chart:

