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 WhoAre 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 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 address	5	Medium	Bala Surya
Sprint 1	Login	USN-3	I want to login using my email address	5	Low	Kavi

Sprint 2	Creation of Medicine database	USN-4	I want to store my medicine intake data in the database along with dosage and timing.	15	High	Sankar kalidas
Sprint 3	Text-To-Speech Service	USN-5	I would like to have voice based reminder system for efficient reminding	10	High	Praveen
Sprint 3	Mobile application creation	USN-6	I would like to create a mobile application using MIT app inventor for medicine reminders	10	High	Roshan Tariq
Sprint 4	Wokwi Simulation	USN-7	Simulation of the project the wokwi simulation application and obtain results	20	High	Praveen

Project Tracker, Velocity & Burndown Chart: (4 Marks)

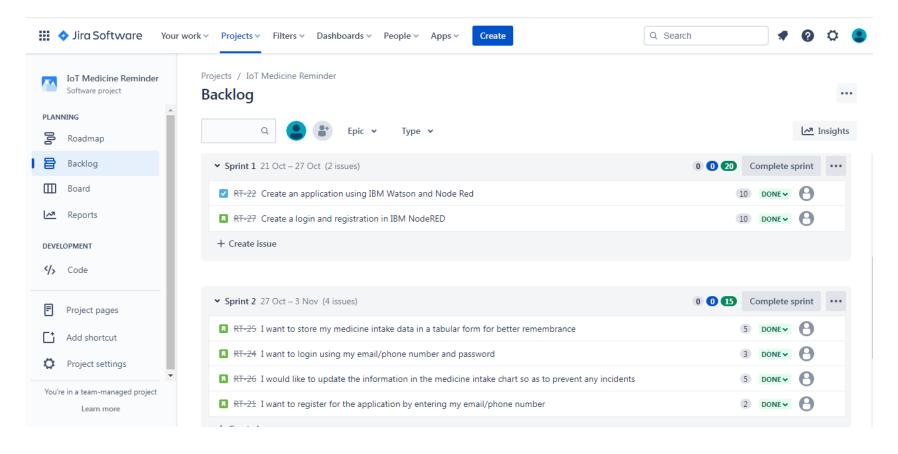| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	7 Days	21 Oct 2022	27 Oct 2022	20	01 Nov 2022
Sprint-2	15	7 Days	28 Oct 2022	03 Nov 2022	15	07 Nov 2022
Sprint-3	20	7 Days	07 Nov 2022	13 Nov 2022	20	11 Nov 2022
Sprint-4	20	7 Days	14 Nov 2022	20 Nov 2022	20	17 Nov 2022

Velocity:

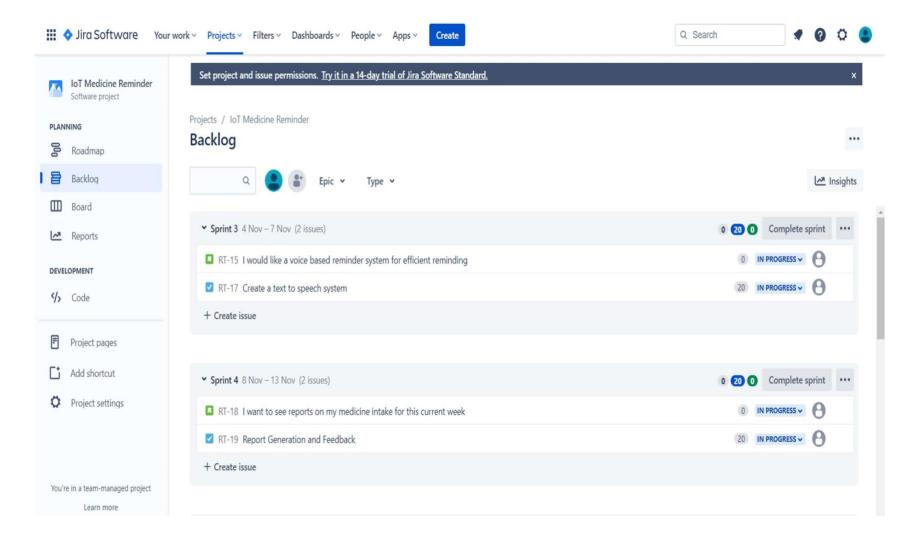AV = *(sprint duration)/ (velocity)* = **20/7 = 2.85**

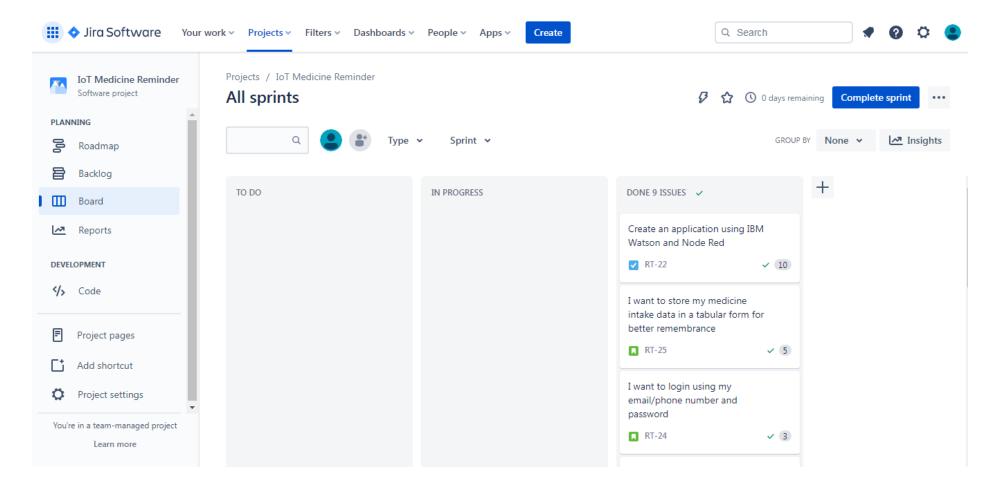AV = *(sprint duration)/ (velocity)* = **15/7 = 2.14**

Scrum Project Planning:

-Sprints 1 and 2:

-Sprints 3 and 4:

-All Sprints:

Burndown Chart: