Project Planning Phase

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

Date	15 NOVEMBER 2022
Team ID	PNT2022TMID36338
Project Name	Smart Waste Management System For Metropolitan Cities
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule and Estimation.

SPRINT	FUNCTIONAL REQUIREMENT (EPIC)	USER STORY NUMBER	USER STORY/TASK	STORY POINTS	PRIORITY	TEAM MEMBERS
sprint-1	IBM Watson IoT Platform	USN-1	Creating devices and board and generating data	1	Medium	1.Ganesh.P 2.Keerthivasan.S 3.Sanjay.S 4.Pavithra.P
sprint-2	Story Data Using Mode Red	USN-2	Storing data in IBM Cloudant DB through node-red functions	2	High	1.Ganesh.P 2.Keerthivasan.S 3.Sanjay.S 4.Pavithra.P
sprint-3	IoT Device /Microcontroller Board	USN-4	The board connect with the cloud and retrieve the information and remain the peoples	2	Low	1.Ganesh.P 2.Keerthivasan.S 3.Sanjay.S 4.Pavithra.P
sprint-4	Reminder(TTS)	USN-5	Getting The Speech Remainder to users to take their tablet	1	High	1.Ganesh.P 2.Keerthivasan.S 3.Sanjay.S 4.Pavithra.P

sprint-1	IBM Watson IoT Platform	USN-1	Creating devices and board and generating data	1	Medium	1.Ganesh.P 2.Keerthivasan.S 3.Sanjay.S 4.Pavithra.P
sprint-4	Reminder(TTS)	USN-5	Getting The Speech Remainder to users to take their tablet	1	High	1.Ganesh.P 2.Keerthivasan.S 3.Sanjay.S 4.Pavithra.P

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	16 NOV 2022	18 NOV 2022	20	18 NOV 2022
SPRINT-2	20	6DAYS	20 NOV 2022	22 NOV 2022	20	22 NOV 2022
SPRINT-3	20	6 DAYS	22 NOV 2022	24 NOV 2022	20	24 NOV 2022
SPRINT-4	20	6 DAYS	24 NOV 2022	26 NOV 2022	20	26 NOV 2022

VELOCITY:

IMAGINE WE HAVE A 10 DAY SPRINT DURATION AND THE VELOCITY OF THE TEAM IS 20 (POINTS PER SPRINT) Let us calculate the teams average velocity(AV) per iteration unit (story points per day)

$$AV = \underline{SPRINT\ DURATION} = 20/10 = 2$$