

Project Planning Phase

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

Date	20 October 2022
Team ID	PNT2022TMID36322
Project Name	Project-Personal Assistance For Seniors Who Are Self-Reliant
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.Chrysolite Joy.S 2.Devipriya.P 3.Jeevana.A.L 4.Karthika.M 5.Sruthi Gnana Priya.S
sprint-2	Story Data Using Mode Red	USN-2	Storing data in IBM Cloudant DB through node-red functions	2	High	1.Chrysolite Joy.S 2.Devipriya.P 3.Jeevana.A.L 4.Karthika.M 5.Sruthi Gnana Priya.S
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.Chrysolite Joy.S 2.Devipriya.P 3.Jeevana.A.L 4.Karthika.M 5.Sruthi Gnana Priya.S
sprint-4	Reminder(TTS)	USN-5	Getting The Speech Remainder to users to take their tablet	1	High	1.Chrysolite Joy.S 2.Devipriya.P 3.Jeevana.A.L 4.Karthika.M 5.Sruthi Gnana Priya.S
sprint-1	IBM Watson IoT Platform	USN-1	Creating devices and board and generating data	1	Medium	Chrysolite Joy.S Devipriya.P Jeevana.A.L Karthika.M Sruthi Gnana Priya.S

sprint-4	Reminder(TTS)	USN-5	Getting The Speech Remainder to users to take their tablet	1	High	Chrysolite Joy.S Devipriya.P Jeevana.A.L Karthika.M Sruthi Gnana Priya.S
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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	6DAYS	31 OCT 2022	5 NOV 2022	20	31 OCT 2022
SPRINT-3	20	6 DAYS	07 NOV 2022	12 NOV 2022	20	7 NOV 2022
SPRINT-4	20	6 DAYS	14 NOV 2022	19 NOV 2022	20	14 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)

$$AV = \frac{\text{SPRINT DURATION}}{\text{VELOCIT}} = 20 / 10 = 2$$

BURNDOWN CHART :

