

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	26 November 2022
Team ID	PNT2022TMID25151
Project Name	IoT based safety gadget for child safety monitoring and notifications.
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	Login	USN-1	As a customer, I might ensure login credential through gmail ease manner for the purpose of sending alert message to the parents or guardians (or) informing through normal message.	2	High	Janani S M
Sprint-1	Registration	USN-2	As a user, I have to registered my details and tools details in a simple and easy manner by considering the safety of child, this registered system sends notification to the parents.	2	High	Prafisha Seelan S Sujithra M
Sprint-2	Dashboard	USN-3	As a user, In case of any emergency situation parents(I) must get the alert notification and location of the child.	3	Medium	Prafisha Seelan S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Dashboard	USN-4	As a user, I(parent) need to safeguard child and tracking the child's location and it is important to notify near police station incase of more emergency .	2	High	Sujithra M
Sprint-3	Dashboard	USN-5	As a user, Its good to have a IOT based system to safeguard monitoring without presence of parent.	2	High	Janani S M Prafisha Seelan S
Sprint -4	Monitoring the environment	USN 1	User can monitor the situation of the environment from a dashboard that displays sensor information about the environment and child health.	2	High	Janani S M Sujithra M
Sprint- 4	Event Notification	USN 6	Sending an alert SMS to the parents and guardians in case of panic situation.	2	High	Janani S M

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	4	6 Days	24 Oct 2022	29 Oct 2022	4	29 Oct 2022

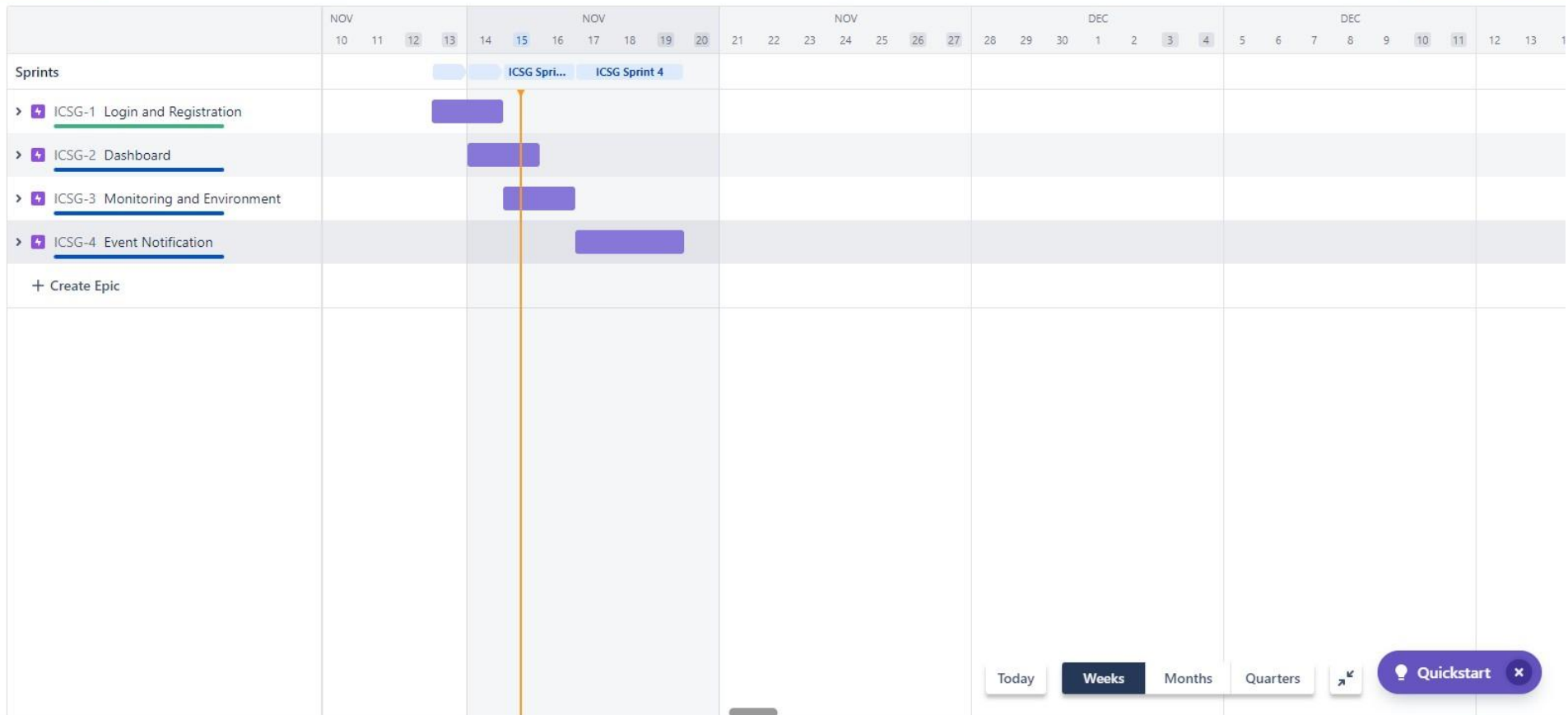
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-2	3	6 Days	31 Oct 2022	05 Nov 2022	3	05 Nov 2022
Sprint-3	4	6 Days	07 Nov 2022	12 Nov 2022	4	12 Nov 2022
Sprint-4	4	6 Days	20 Nov 2022	26 Nov 2022	4	26 Nov 2022

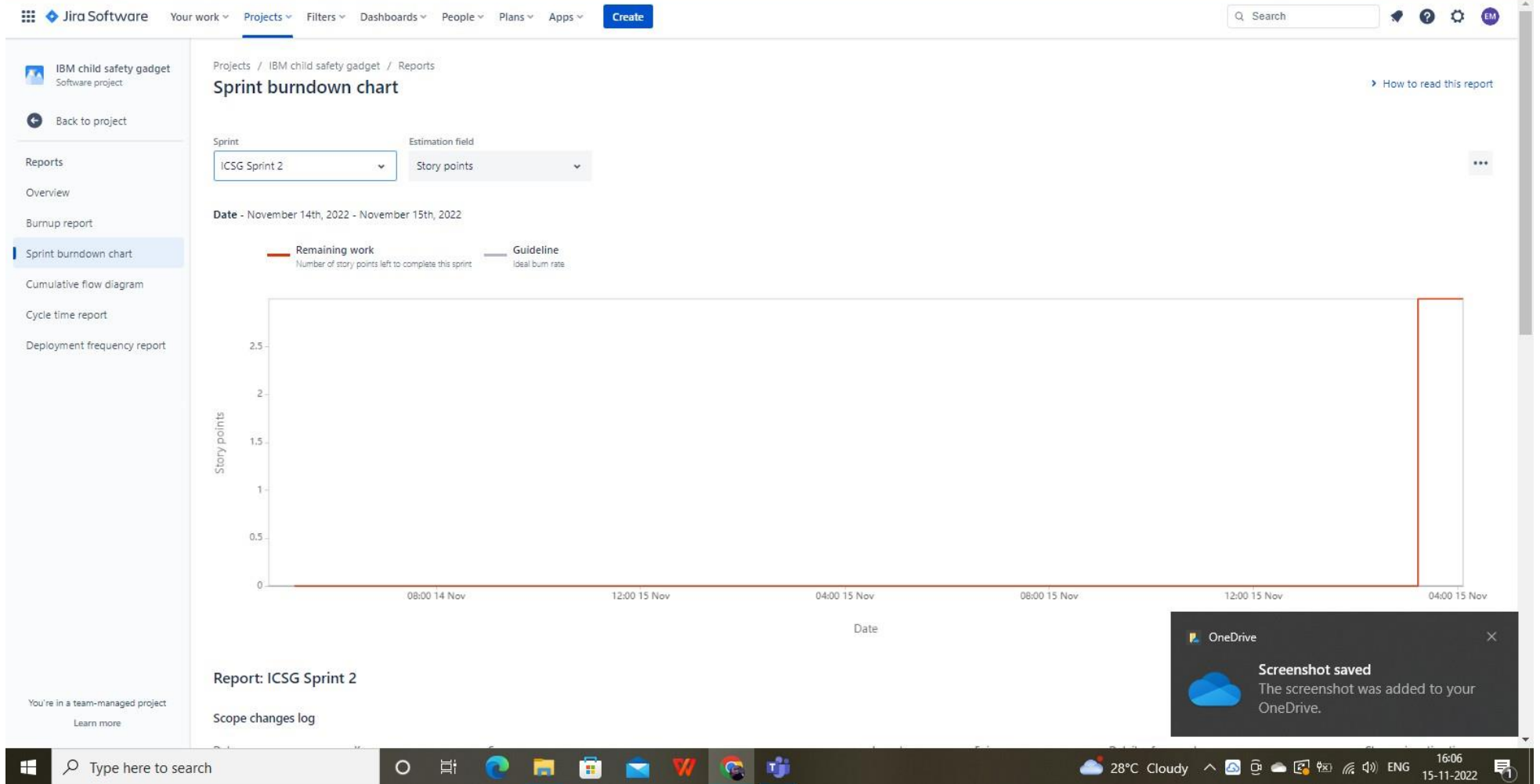
Velocity:

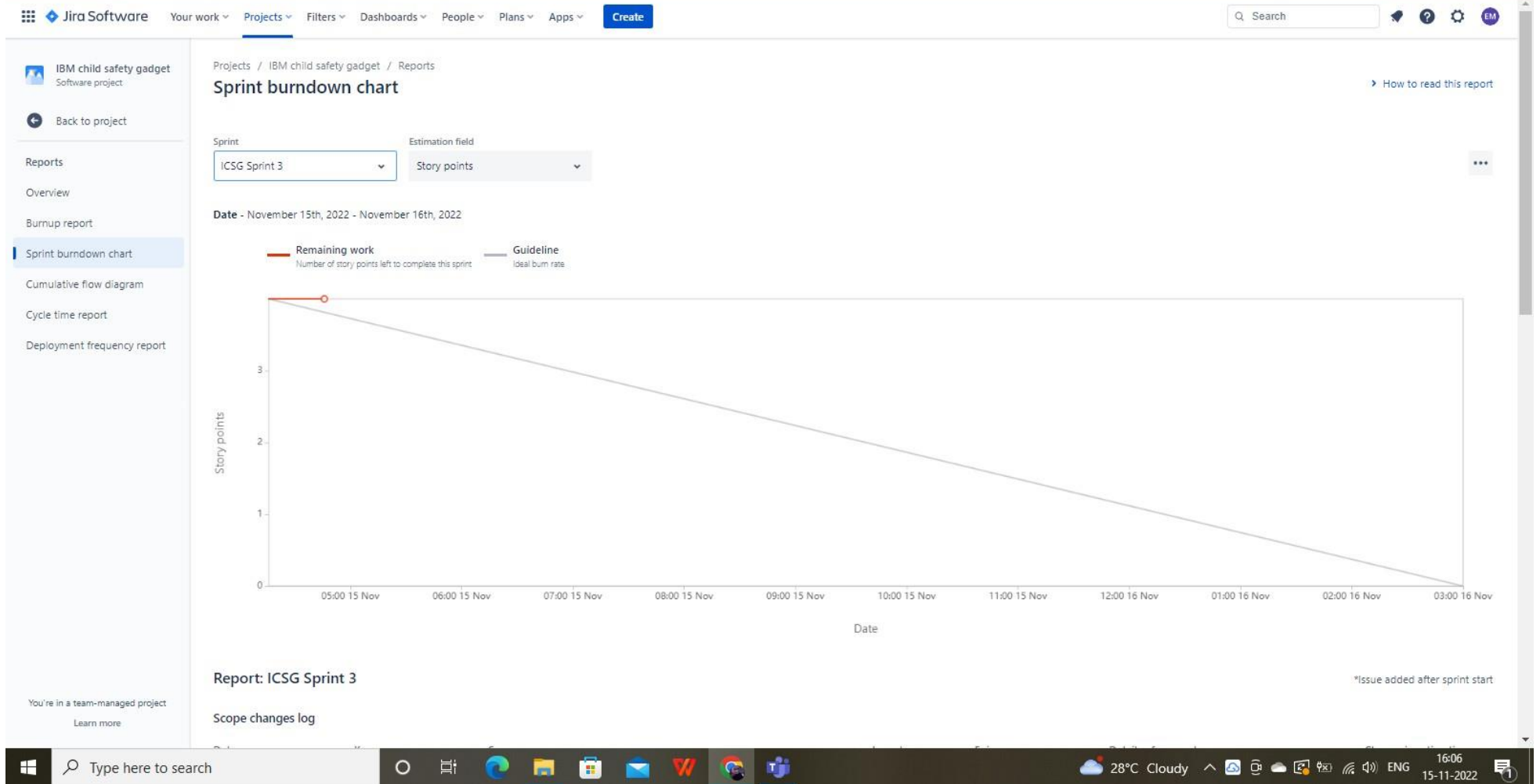
(AV) per iteration unit (story points per day)

$$AV=6.6$$

Imagine we have a 10-day sprint duration, and the velocity of the team is 15 (points per sprint). Let's calculate the team's average velocity







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■ **Remaining work**
 Number of story points left to complete this sprint

■ **Guideline**
 Ideal burn rate



Windows taskbar showing search bar, taskbar icons (Edge, File Explorer, Mail, Word, Chrome, Teams), system tray (28°C Cloudy, 16:06, 15-11-2022, ENG).

IBM child safety gadget
Software project

Back to project

Reports

Overview

Burnup report

Sprint burndown chart

Cumulative flow diagram

Cycle time report

Deployment frequency report

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Sprint burndown chart

How to read this report

Sprint
ICSG Sprint 1

Estimation field
Story points

Date - November 13th, 2022 - November 14th, 2022

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate

Planned end

Date	Remaining work (Story points)	Guideline (Story points)
06:00 13 Nov	0	0
12:00 13 Nov	0	0
06:00 14 Nov	0	0
12:00 14 Nov	0	0
06:00 15 Nov	2.0	2.0
12:00 15 Nov	2.0	2.0

Report: ICSG Sprint 1

Scope changes log

*Issue added after sprint start

View in issue navigator

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