

- ▶ Presented to Agile SoCal 1/15/20
 - ▶ By Dan Moran

Agile Metrics in Jira

Introduction to Dan Moran



- Consultant at Slalom, a national technology and business consulting company with local offices in Irvine, Los Angeles, and San Diego
- Agilist for 10 years, with work as a Scrum Master and Agile Program Manager at Disney, MySpace, the AAA, and SendGrid
- PMP, A-CSM, CSPO, SA
- Specialization in Agile Coaching, SAFe, and Jira
- Co-organizer of the Atlassian Community Events group of Orange County, which can be found at ace.atlassian.com and on Meetup

Contact Dan at <https://www.linkedin.com/in/dgmoran/>

What We'll Cover Today

- Jira Reports
- Jira Dashboards
- Ways to Track Data Long-Term
- Interesting Add-Ons

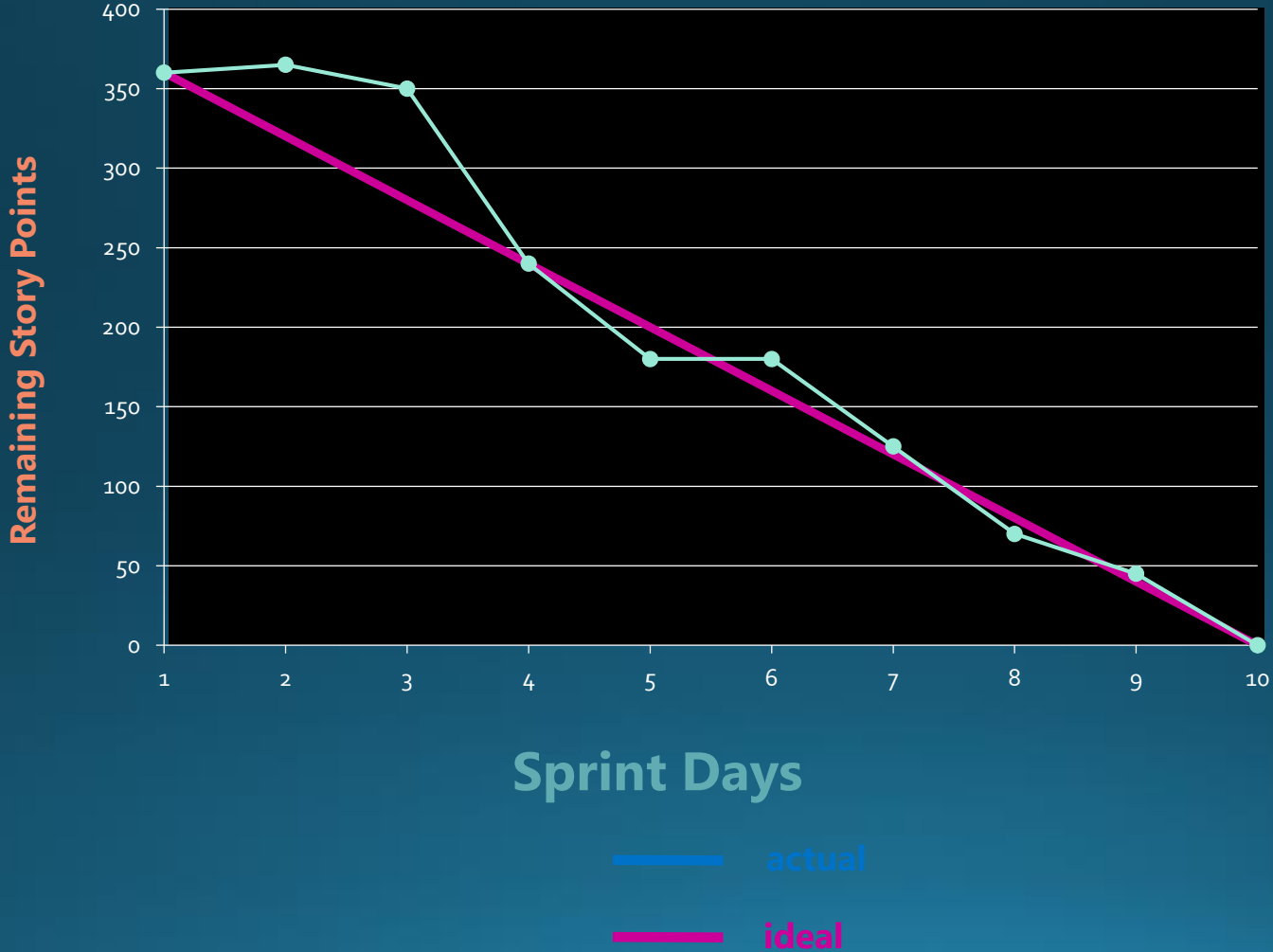
Jira Reports

Jira All Reports Screen

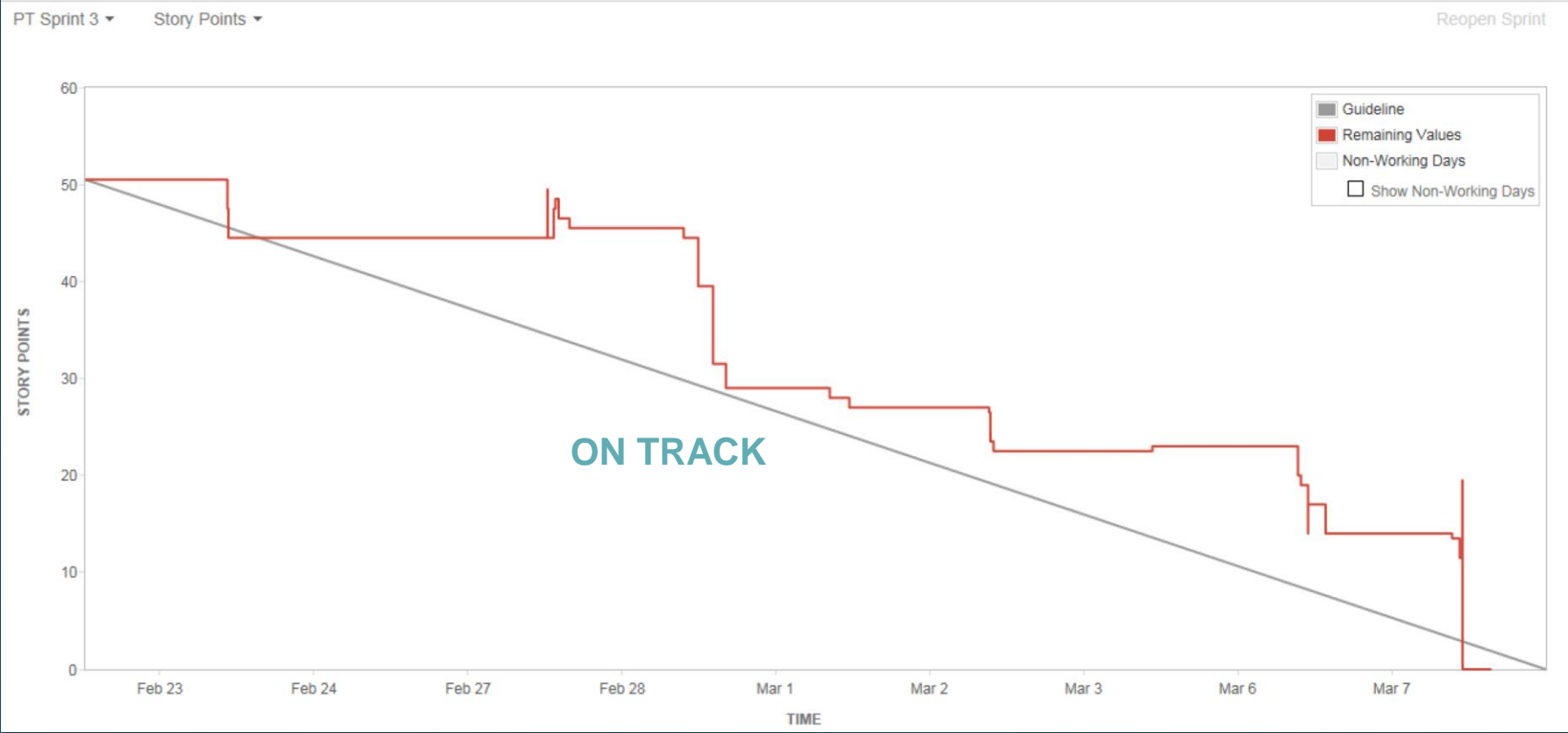
The screenshot shows the Jira Software interface. At the top, there is a navigation bar with the Jira logo, 'Jira Software', and various menu items like 'Dashboards', 'Projects', 'Issues', 'Boards', 'Tests', 'Portfolio', 'Bauer', and 'easyBI'. A 'Create' button and a search bar are also present. Below the navigation bar, the main content area is titled 'All reports' with a 'Switch report' dropdown. A sidebar on the left contains several icons for navigation. The main content area displays four report options under the heading 'Agile':

- Burndown Chart**: Track the total work remaining and project the likelihood of achieving the sprint goal. This helps your team manage its progress and respond accordingly.
- Sprint Report**: Understand the work completed or pushed back to the backlog in each sprint. This helps you determine if your team is overcommitting or if there is excessive scope creep.
- Velocity Chart**: Track the amount of work completed from sprint to sprint. This helps you determine your team's velocity and estimate the work your team can realistically achieve in future sprints.
- Cumulative Flow Diagram**: Shows the statuses of issues over time. This helps you identify potential bottlenecks that need to be investigated.

Burndown Chart



Burndown Chart



Burndown Chart



Sprint Report

Jira Software Dashboards Projects Issues Boards Tests Portfolio Bauer easyBI Create

CoCoA-Anaplan
Sprint Report [Switch report](#)

How to read this chart

Closed Sprint, ended by 10/16/2019 10:11 AM - 10/30/2019 9:38 AM [View linked pages](#)

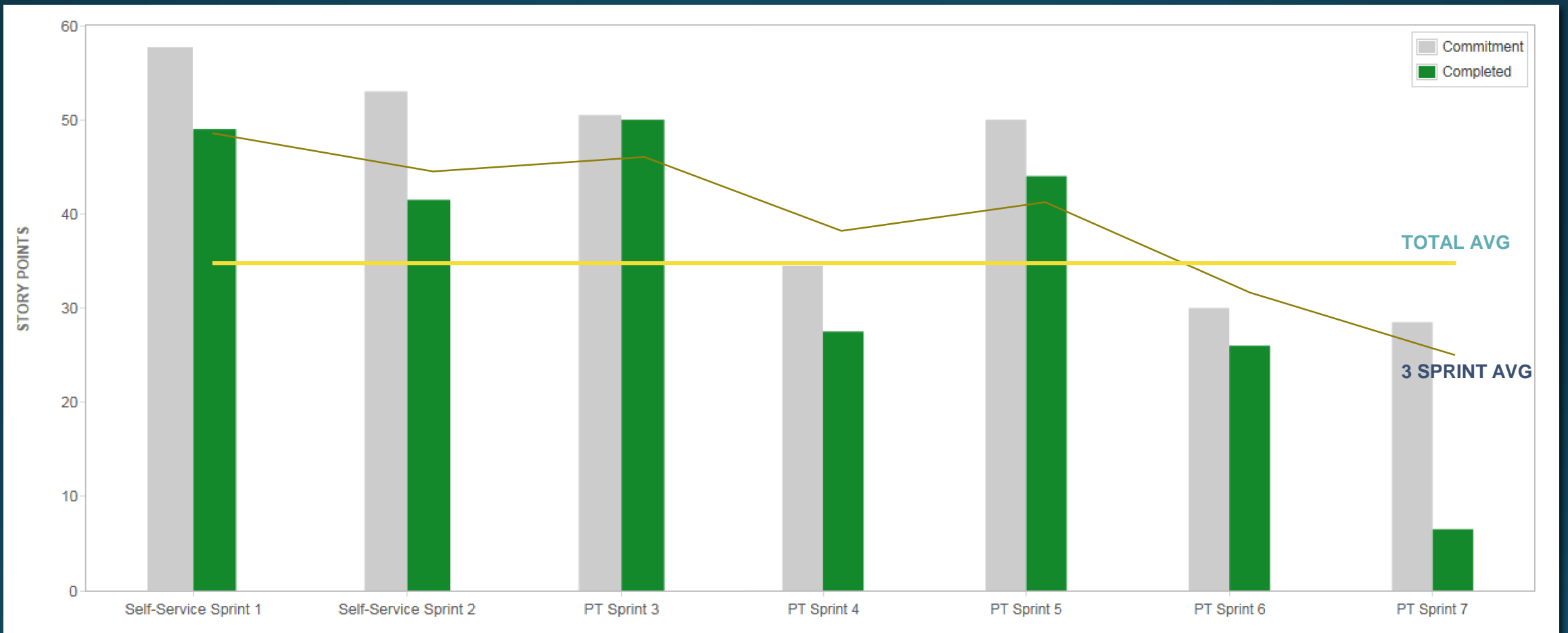
Date	Remaining Issues (Red Line)	Ideal Burndown (Black Line)
Oct 16	50	50
Oct 17	50	45
Oct 18	50	40
Oct 19	50	35
Oct 20	50	30
Oct 21	50	25
Oct 22	50	20
Oct 23	40	15
Oct 24	35	10
Oct 25	35	5
Oct 26	35	0
Oct 27	35	0
Oct 28	35	0
Oct 29	20	0
Oct 30	0	0

Status Report

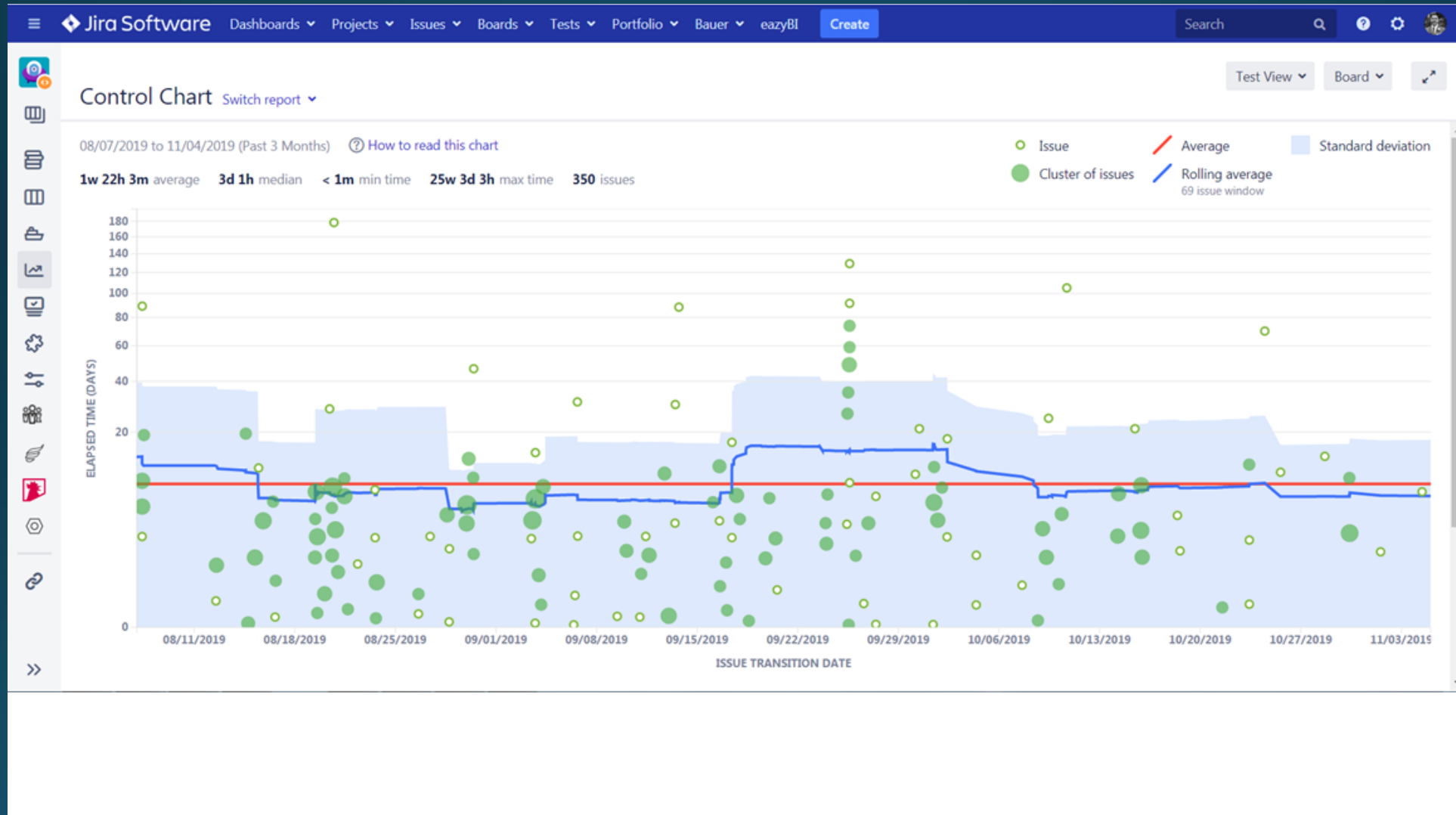
Completed Issues [View in Issue navigator](#)

Key	Summary	Issue Type	Priority
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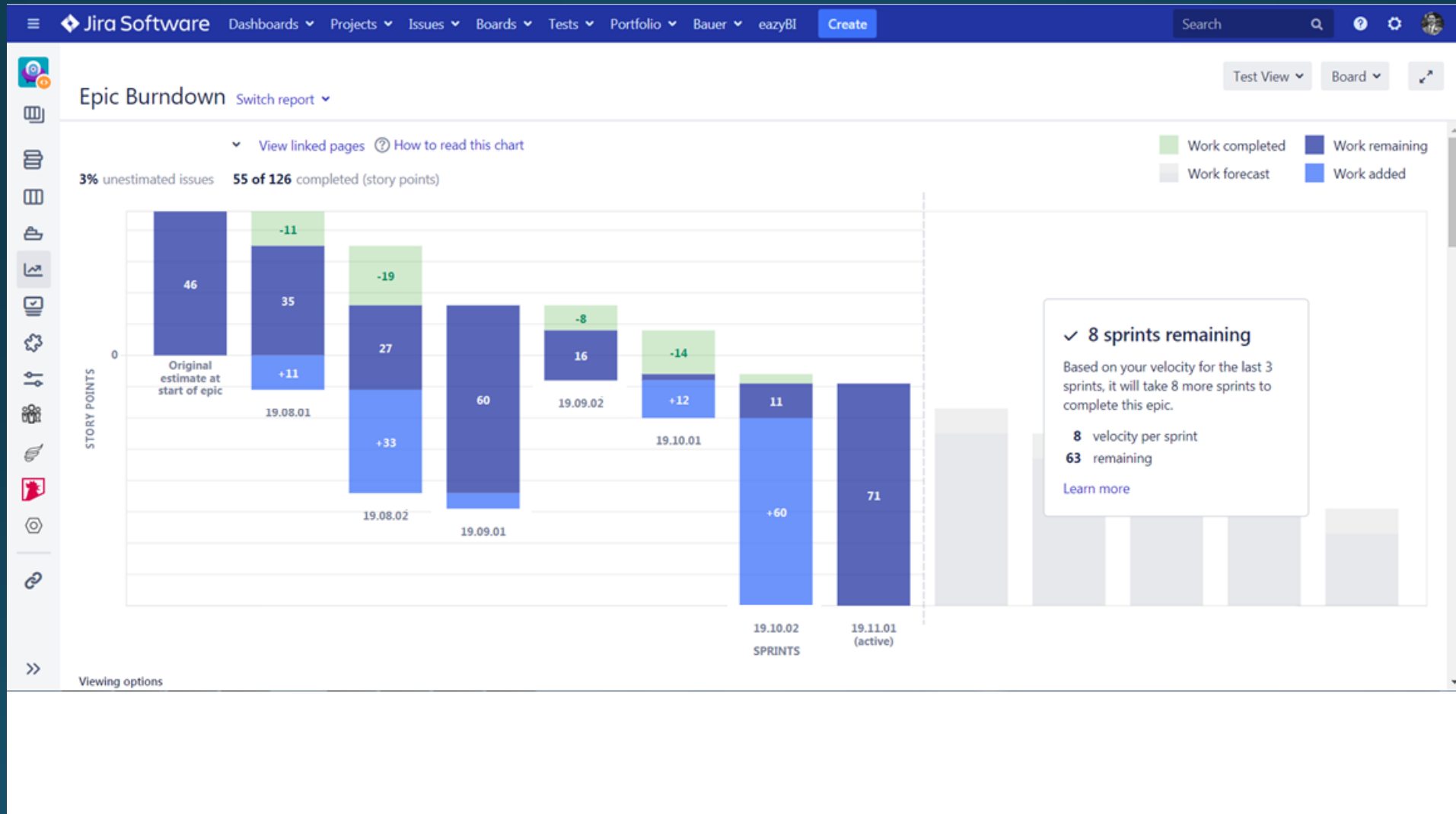
Velocity Chart



Control Chart (Cycle Time)

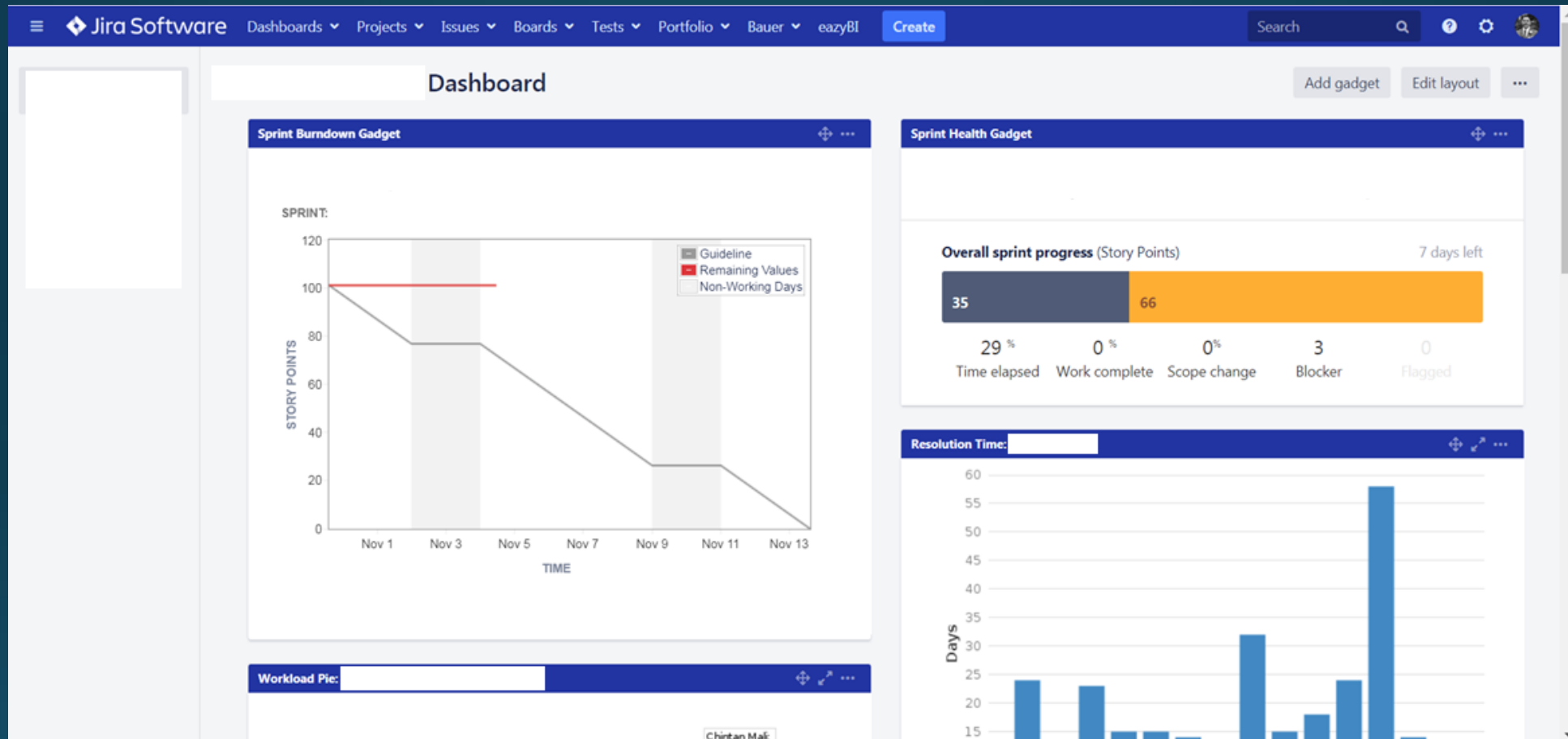


Epic Burndown



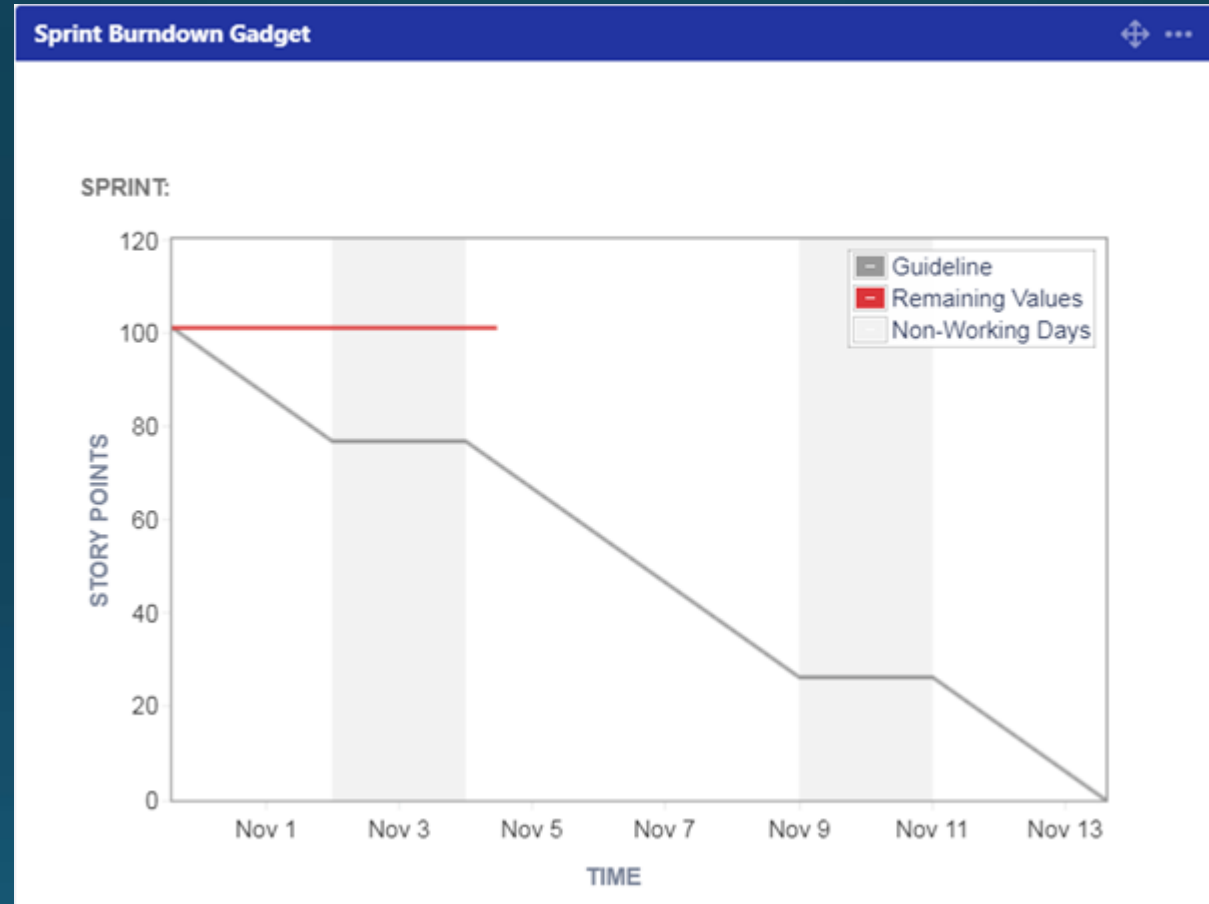
Jira Dashboards

Jira Dashboard Example



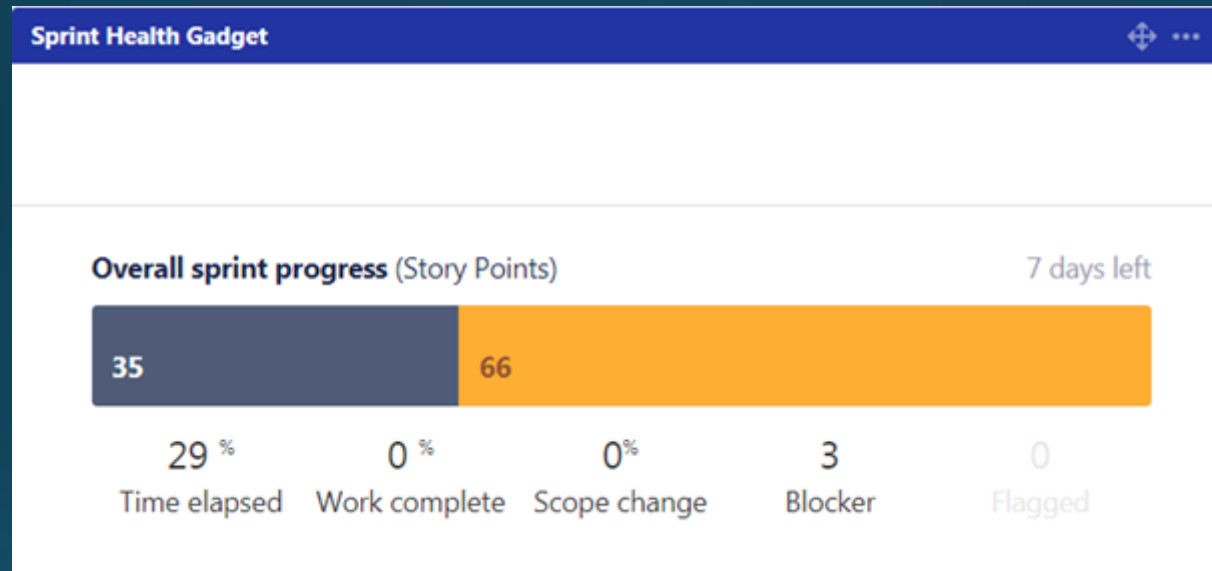
Dashboard Gadget

Sprint Burndown Gadget



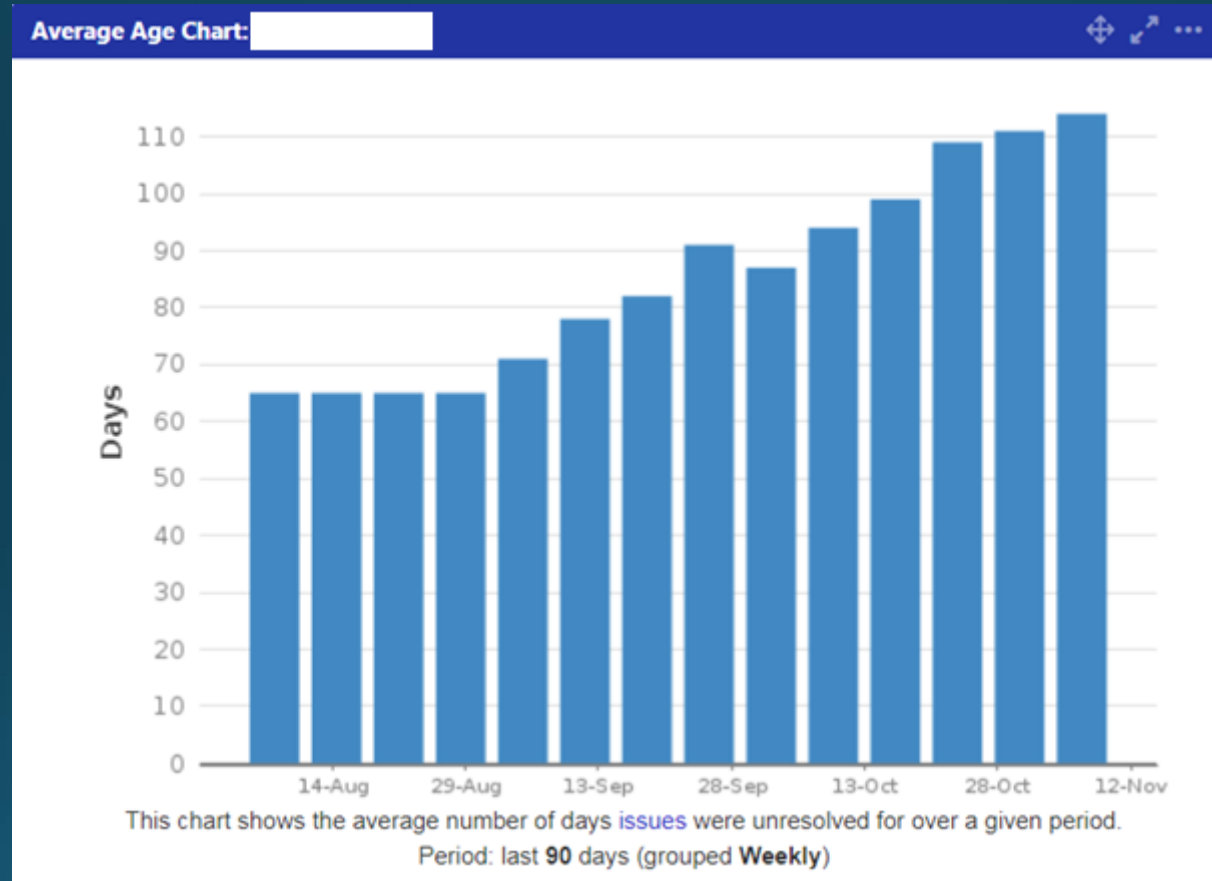
Dashboard Gadget

Agile Sprint Health Gadget



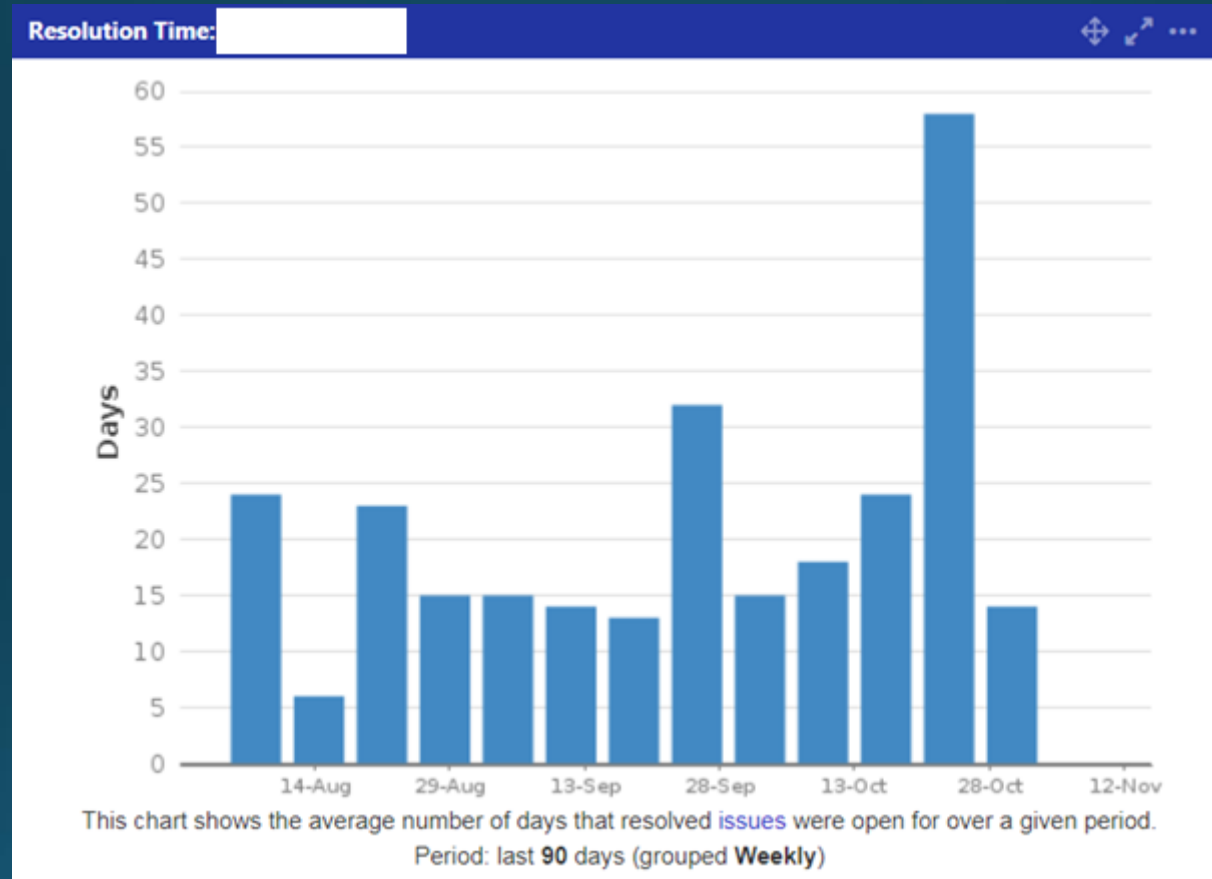
Dashboard Gadget

Average Age Chart



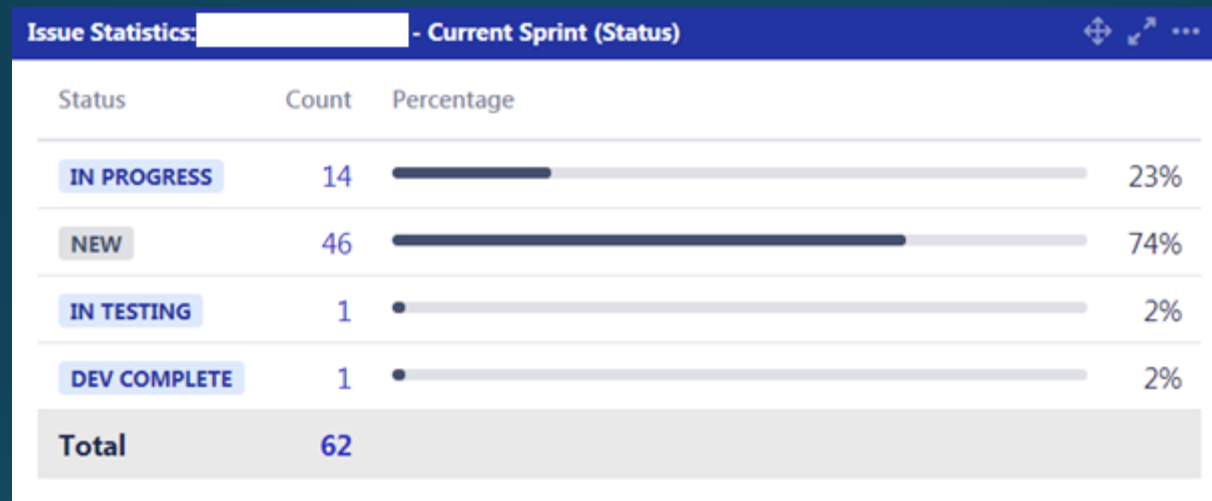
Dashboard Gadget

Resolution Time Chart



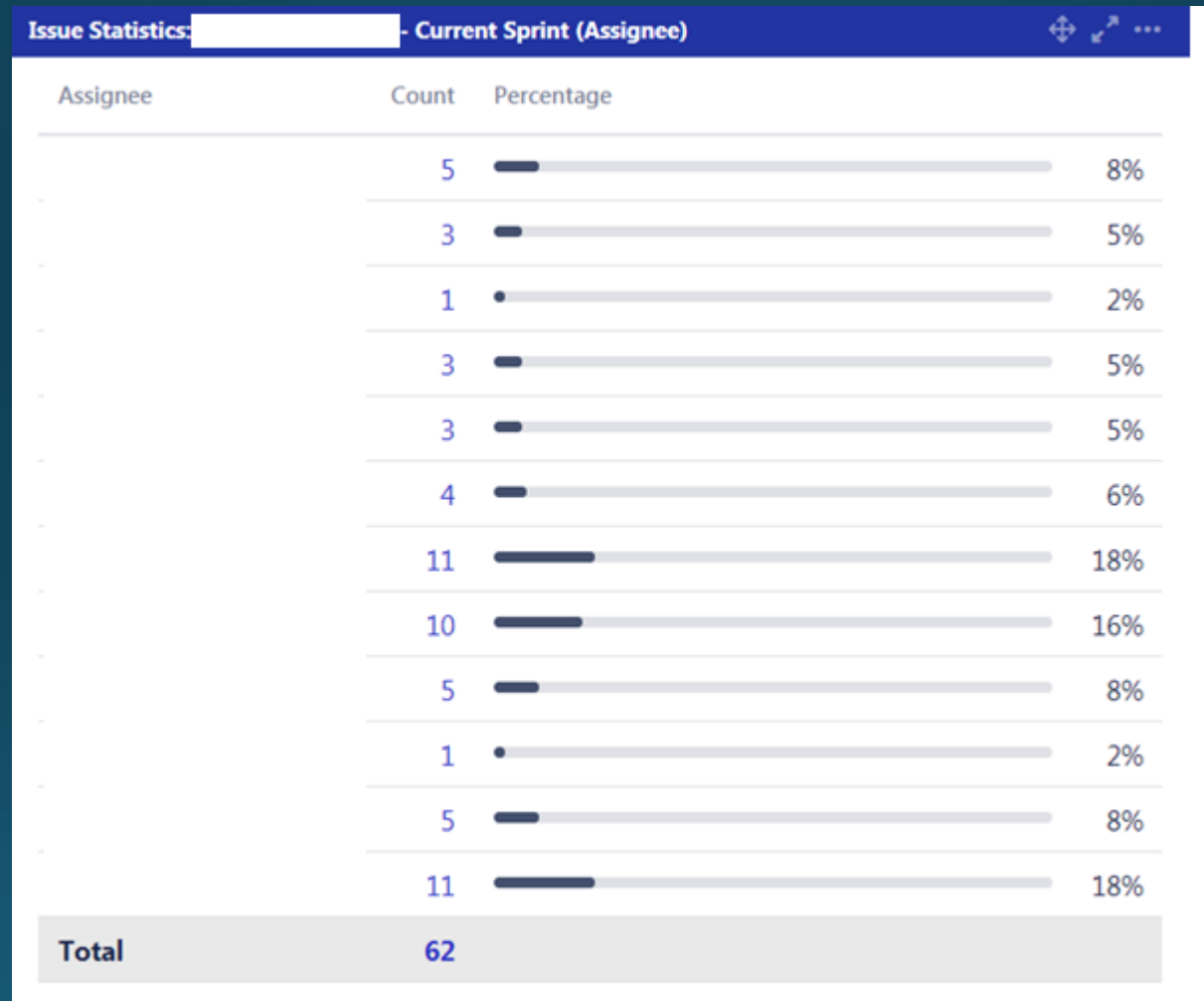
Dashboard Gadget:

Sub-tasks planned for current Sprint (status)



Dashboard Gadget:

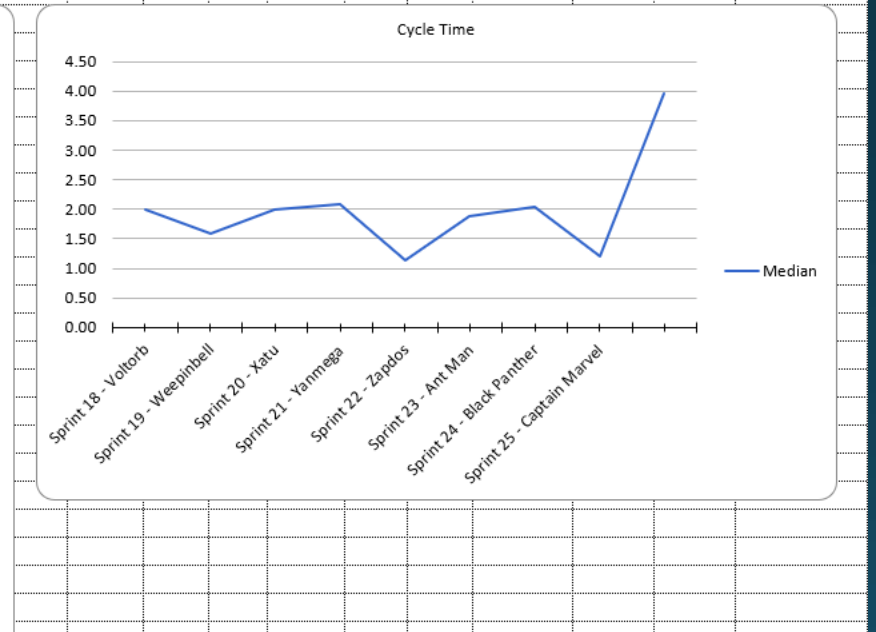
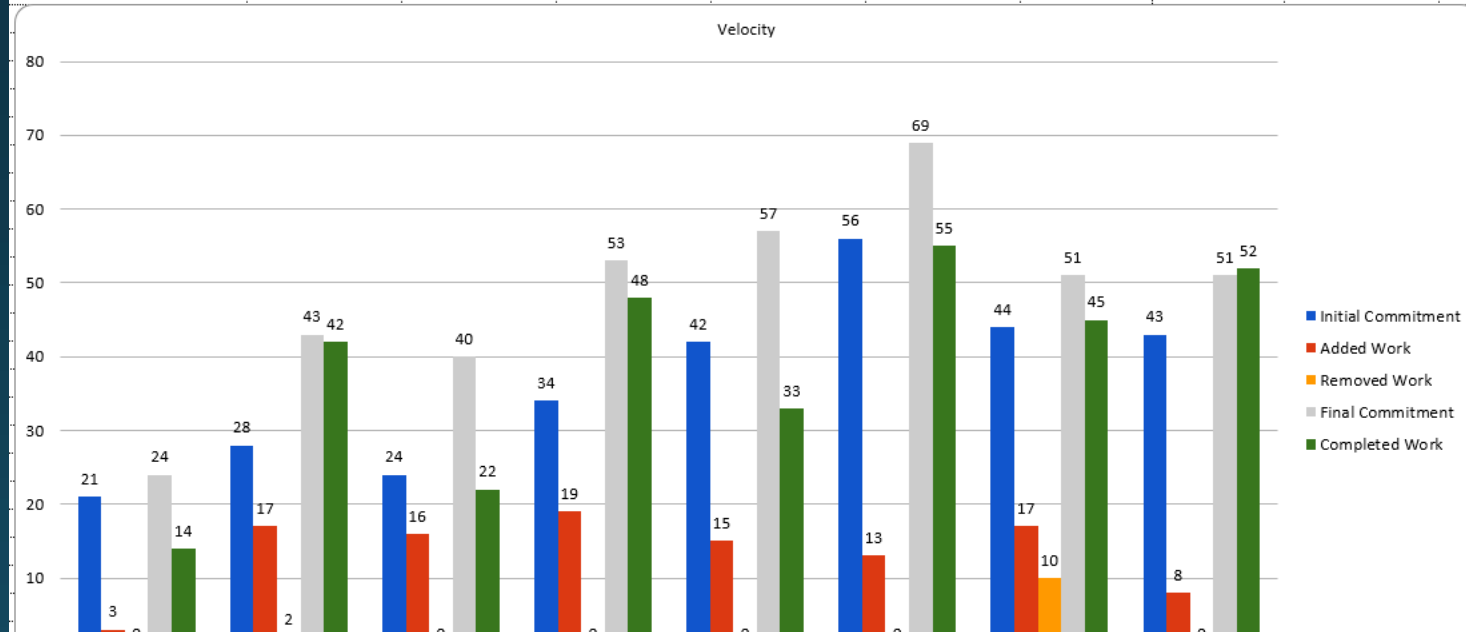
Sub-tasks planned for current Sprint (assignee)



Other Metrics

Team Sprint Data

Team A		NOTE: HAVE ONE OF THESE TABS FOR EACH OF YOUR SCRUM TEAMS																	
Sprint	Velocity							Control Chart			Confidence Vote								
	Commitment	Added Work	Removed Work	Commitment	Work	Completed	Change	Average	Average	Median	Albert	Betty	Charlie	Diana	Edgar	Frederica	George	Hannah	Average
Sprint 18 - Voltorb	21	3	0	24	14	67%	14%	14	3.42	2.00									
Sprint 19 - Weepinbell	28	17	2	43	42	150%	54%	28	2.46	1.58									
Sprint 20 - Xatu	24	16	0	40	22	92%	67%	26	3.00	2.00									
Sprint 21 - Yanmega	34	19	0	53	48	141%	56%	32	2.67	2.08									
Sprint 22 - Zapdos	42	15	0	57	33	79%	36%	32	2.71	1.13									
Sprint 23 - Ant Man	56	13	0	69	55	98%	23%	40	3.13	1.88									
Sprint 24 - Black Panther	44	17	10	51	45	102%	16%	41	3.88	2.04	5		4	n/a	4	3		4	4.0
Sprint 25 - Captain Marvel	43	8	0	51	52	121%	19%	47	3.29	1.21	4		4	3	4	2		4	3.5
Sprint 26 - Deadpool	24	5	4	25	21	88%	4%	41	4.83	3.96	n/a		3	4	4	n/a		n/a	3.7



Team Epic Data

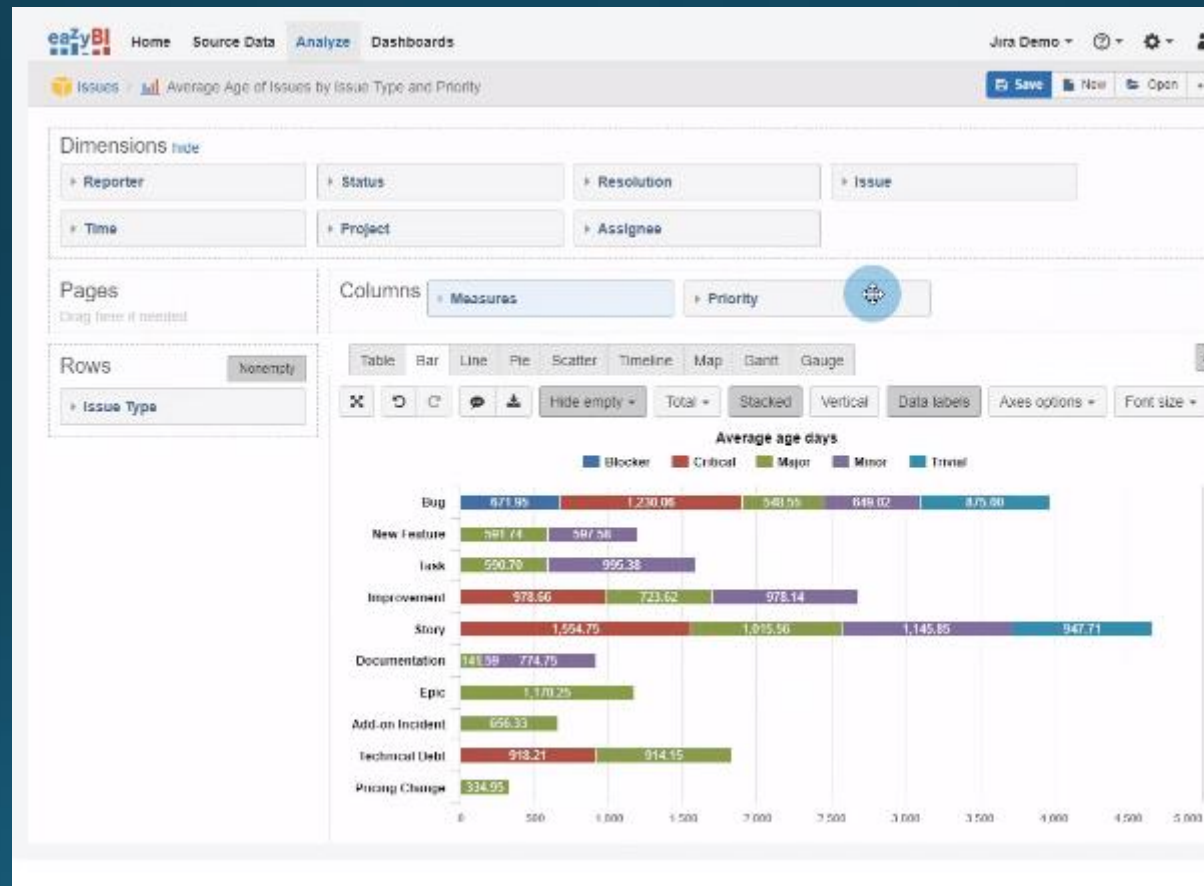
Epics														
Epic Name / Link	Planned Start Date	Planned End Date	Actual Start Date	Actual End Date	Variance	T-Shirt Size	Epic cycle time	Planned Tickets	Actual Tickets	Ticket Variance	Planned Story Points	Actual Story Points	Story Point Variance	
Test Project M0	11/10/18	12/15/18	11/25/18	12/25/18	86%	XS	15.4	15	25	167%	45	60	133%	
Test Project M1	11/30/18	12/20/18	11/30/18	1/3/19	170%	S	20.2	42	60	143%	56	85	152%	

Quarterly Program Data

Quarterly Program Data					
Quarter	Average Program Velocity	# of Epics Committed for Completion	# of Epics Done	Epic median cycle time	# of tickets done
2019 Q1	41	2	1	22.4	124

Add-Ons

Eazy BI for Jira



Structure

The screenshot displays the JIRA interface with the 'Structure' view selected. The header includes the JIRA logo, navigation tabs (Dashboards, Projects, Issues, Agile, Structure), and user information (John H. Ashpool). A search bar and 'Create Issue' button are also present.

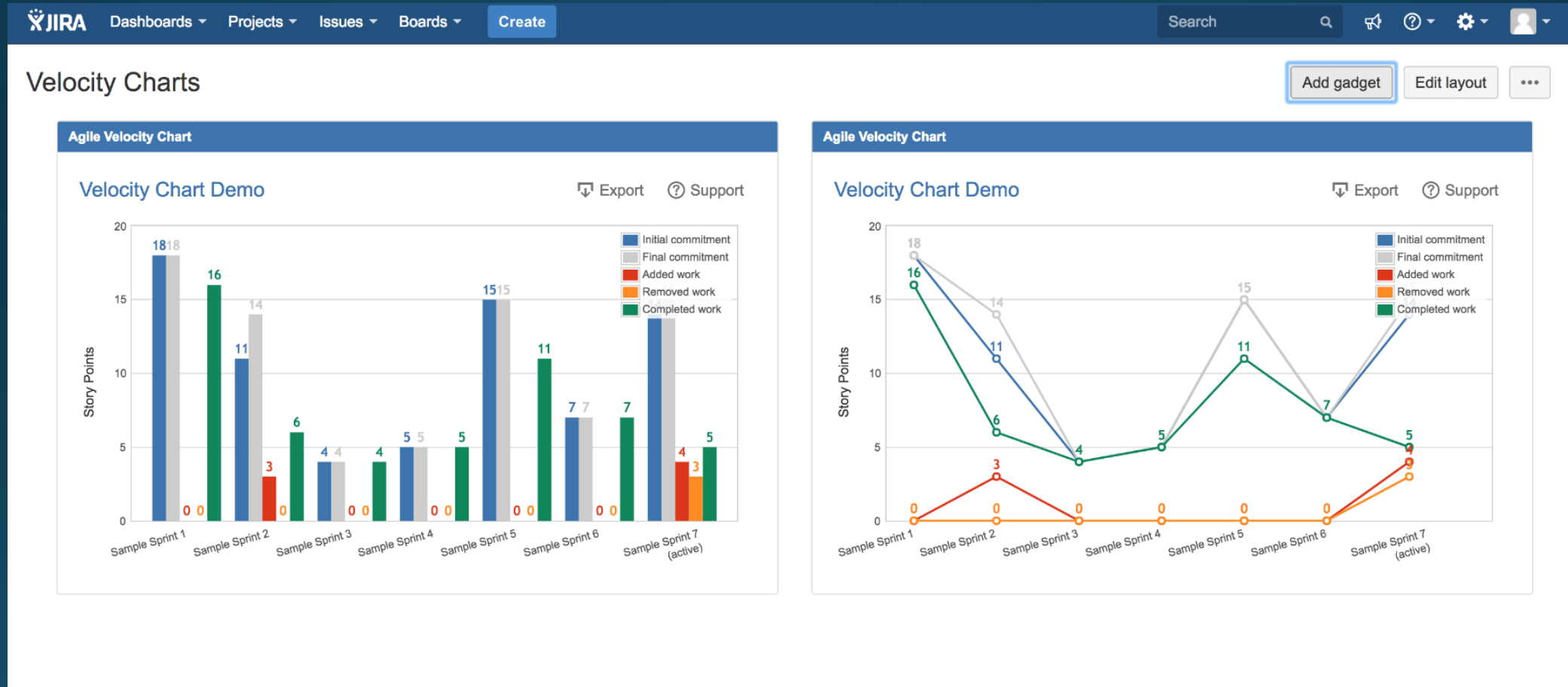
Unlimited Issue Hierarchy

Tracking*

Key	TP	Summary	Progress	Σ Remaining Estim	Status
META-1	↑	▼ All our projects	<div style="width: 20%;"></div>	12w 3d	Open
DRIVE-2	↑	▼ Fuel Efficiency	<div style="width: 20%;"></div>	12w 3d	Open
DRIVE-10	↑	▼ Cosmo-dynamic hulls for less drag by cosmic dust	<div style="width: 20%;"></div>	10w 3d	Open
DRIVE-19	↑	Design the hardware platform, yes	<div style="width: 0%;"></div>	3w	In Progress
DRIVE-20	↑	► Polymorphic shield	<div style="width: 0%;"></div>		Open
DRIVE-22	↓	Really cool-looking stern	<div style="width: 0%;"></div>	4w	Open
DRIVE-3	↑	▼ HyperSpeed Increase	<div style="width: 20%;"></div>	3w 2d	Open
✓ DRIVE-7	↑	► Hyper-space active engine grid	<div style="width: 100%;"></div>	1w	Resolved
DRIVE-5	↑	► Double the G power of the hyper-field pump	<div style="width: 20%;"></div>	1w 1d	Open
✓ DRIVE-12	↑	▼ Automatic hyper-drive engine warm up when enemy ships are close	<div style="width: 100%;"></div>	1w 1d	Resolved
✓ DRIVE-23	↑	Tech task 1	<div style="width: 100%;"></div>	1d	Resolved
✓ EMPR-7	↑	Customize feature for EMPR	<div style="width: 100%;"></div>		Resolved
✓ REBL-7	↑	Customize feature for REBL	<div style="width: 100%;"></div>	1w	Resolved

Showing 49 issues

Agile Velocity Chart



Questions?