

Sprint #	Sprint goal
1	None
2	None
3	None
4	Understanding the customers datastructure and analysis methods for them
5	Real Data Flow
6	Analysis Method Implementation
7	Density based & Time Series Analysis implemented
8	Work on technical debt & Implement backup storage fill alert
9	Machine Learning Analysis Implemented
10	Frontend refactoring, Clean up
11	Creation of Alert overview page
12	Alert improvement, Clean up tasks, frontend add-ons
13	Main clean up, reduce technical dept, demo day preparation
14	Final Release
15	Report Created

<b>Project Name</b>	...
<b>Online team meeting</b>	<a href="https://fau.zoom-x.de/j/61181981845?pwd=ZJq0iXvp6t5yTNBjRccLMqrUQEylWF.1">https://fau.zoom-x.de/j/61181981845?pwd=ZJq0iXvp6t5yTNBjRccLMqrUQEylWF.1</a>
<b>Production system (if any)</b>	...
<b>Test system (if any)</b>	...
<b>GitHub repository</b>	<a href="https://github.com/amosproj/amos2024ws02-backup-metadata-analyzer">https://github.com/amosproj/amos2024ws02-backup-metadata-analyzer</a>
<b>GitHub feature board</b>	<a href="https://github.com/orgs/amosproj/projects/71/views/2">https://github.com/orgs/amosproj/projects/71/views/2</a>
<b>GitHub imp-squared backlog</b>	<a href="https://github.com/orgs/amosproj/projects/75/views/1">https://github.com/orgs/amosproj/projects/75/views/1</a>
<b>Team T-shirt female (white)</b>	<a href="https://www.shirtinator.de/s/scY-JglCTmu_7ZBCkeWx0w">https://www.shirtinator.de/s/scY-JglCTmu_7ZBCkeWx0w</a>
<b>Team T-shirt female (black)</b>	<a href="https://www.shirtinator.de/s/zM5PRDBVRdOw03ch6thh4w">https://www.shirtinator.de/s/zM5PRDBVRdOw03ch6thh4w</a>
<b>Team T-shirt male (white)</b>	<a href="https://www.shirtinator.de/s/DUBamNacRXukdXclSNchvA">https://www.shirtinator.de/s/DUBamNacRXukdXclSNchvA</a>
<b>Team T-shirt male (black)</b>	<a href="https://www.shirtinator.de/s/97GiPyFdTre3YHtD_MlplQ">https://www.shirtinator.de/s/97GiPyFdTre3YHtD_MlplQ</a>
<b>Additional materials</b>	...
<b>Team mailing list</b>	oss-amos-proj2@lists.fau.de

Last Name	First Name	GitHub User Name	Email Address
Sulzbach	Lara	LaraSlzb	lara.sulzbach@fau.de
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Deli	Deniz	ddeli	d.deli@campus.tu-berlin.de

#	Meeting Day	Product Owners	Software Developer	Release Manager	Scrum Master	Comment
1	2024-10-16	Moritz Rauen	Everyone else	N/A	Lara Sulzbach	
2	2024-10-23	Valentin Garbe	Everyone else	Amelie Regl	Lara Sulzbach	
3	2024-10-30	Moritz Rauen	Everyone else	Florian Oberndörfer	Lara Sulzbach	
4	2024-11-06	Valentin Garbe	Everyone else	Oliver Schnell	Lara Sulzbach	
5	2024-11-13	Moritz Rauen	Everyone else	Dirk Engelhard	Lara Sulzbach	
6	2024-11-20	Valentin Garbe	Everyone else	Christoph Klingenberg	Lara Sulzbach	
7	2024-11-27	Moritz Rauen	Everyone else	Deniz Deli	Lara Sulzbach	Mid-term due
8	2024-12-04	Valentin Garbe	Everyone else	Amelie Regl	Lara Sulzbach	
9	2024-12-11	Moritz Rauen	Everyone else	Florian Oberndörfer	Lara Sulzbach	
10	2023-01-08	Valentin Garbe	Everyone else	Oliver Schnell	Lara Sulzbach	
11	2023-01-15	Moritz Rauen	Everyone else	Dirk Engelhard	Lara Sulzbach	
12	2023-01-22	Valentin Garbe	Everyone else	Christoph Klingenberg	Lara Sulzbach	
13	2023-01-29	Moritz Rauen	Everyone else	Deniz Deli	Lara Sulzbach	
14	2023-02-05	Valentin Garbe	Everyone else	Amelie Regl	Lara Sulzbach	Demo day!
15	2023-02-12	Moritz Rauen	Everyone else	Florian Oberndörfer	Lara Sulzbach	Retrospective
Product owners, software developers, and Scrum Master are set and ideally don't change over time; the critical part is the Release Manager role you need to define here						

<b>Goals</b>	Be respectful to each other
	Have fun together
	Learn new things, improve software engineering, team-working skills
	create valuable outcome
	Help each other
<b>Meeting norms</b>	Be on time
	Inform the team about unavailability
	Keep it short and concise
<b>Working norms</b>	Ask for help, support each other
	follow coding best-practices: work on feature-branch, comment code, commit often
<b>Coordination norms</b>	SD can assign themselves to tickets in the sprint backlog
	PO's are moderating the team meeting
	Every new code must be reviewed before merge
	Do technical reviews before assigning to a new issue
<b>Communication norms</b>	Communication is mainly over Slack
	internal communication in German, external in English
	Honestly over performance, do not try to cover mistakes
<b>Consideration norms</b>	PO's should lead the discussion
<b>Cont. improvement norms</b>	Give directly addressed and constructive feedback
<b>Rewards</b>	
<b>Sanctions</b>	If you are not in the team meeting at 12.35 without excuse, SD's have to do an extra review, PO's have to take over the next sprint moderating
<b>Signatures</b>	
Scrum Master	Lara Sulzbach
Product owner	Valentin Garbe
Product owner	Moritz Rauen
Software developer	Oliver Schnell
Software developer	Amelie Regl
Software developer	Florian Oberndörfer
Software developer	Christoph Klingenberg
Software developer	Dirk Engelhard
Software developer	Deniz Deli

Product Vision	Project Mission
<p>Databackups are an essential functionality for businesses. They ensure, that no important information or artifacts of work is lost due to technical errors or hacking. This metadata analyzer aims to help detect problems or anomalies with backups. This problem detection is done in a timely manor, and in some cases even predictively, to help the customer to react before major damages occur.</p>	<p>This project aims to explore which data analysis methods are applicable and useful to for the metadata, which is generated by the industry partner's software "SESAM". Furthermore, the results of the analysis are condensed into insights and displayed with graphs and alerts. This will help the customer to better understand their backup data and focus on the important take aways.</p>

Term	Definition
Analyzer	Our Python Backen Module which handles the AI analyzer
Backend	Our Main Backend Module which connects Frontent, Database and Analyzer
Monorepo	A monorepo is a single repository housing code for multiple projects
Size Alert	Alert that has been triggered because the size of the backup increased or decreased significantly in comparison to the previous one of same backup type
Creation Date Alert	Alert that has been triggered because the creation date of the backup was signifantly different than the defined time in the schedule
Storage Fill Alert	Alert that has been triggered because the data stores high water mark is reached
Saveset	Id of the backup the user knows
Backup Type FULL	Full Backup
Backup Type INCREMENTAL	Contains all changes since last backup of this type (or FULL if no other INCREMENTAL backup)
Backup Type DIFFERENTIAL	Contains all changes since last backup of type FULL
Backup Type COPY	Same like FULL but without INC or DIFF backups being based on this
Task	Specifies what should be saved and is linked with where and when it should be saved
Data Store	A storage where backups are saved
Schedule	Defines when a task for creating a backup should be started (e.g. every mondy and thursday at 10am)
Mail Receiver	Email adress to which an email ist sent as soon as an alert is triggered

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release						
Total			106	106		
Sprints						
1	Dev Environment Setup		3	106	2	106
2	Architecture Foundation		15	103	19	104
3	Build Process Setup		11	88	12	85
4	Understanding the customers datastructure and analysis methods for them		29	77	26	73
5	Real Data workflow		11	48	11	47
6	Analysis Method Implementation		37	37	43	36
Features						
1	Dev Environment Setup	Dev Environment Setup	3		2	
2	Architecture Foundation	Landing page with backup data table	2		2	
		Initialize Frontend module	2		2	
		Create Architecture Diagram	1		1	
		Architecture evaluation and decision	3		2	
		Initialize Backend Module	2		8	
		Model analysis research	3		2	
		Concept of build process defined & local build implemented	2		2	
3	Build Process Setup	Build Process Review preperation	1		2	
		Implement build process for release	8		8	
		Decide on Build process steps for release	2		2	

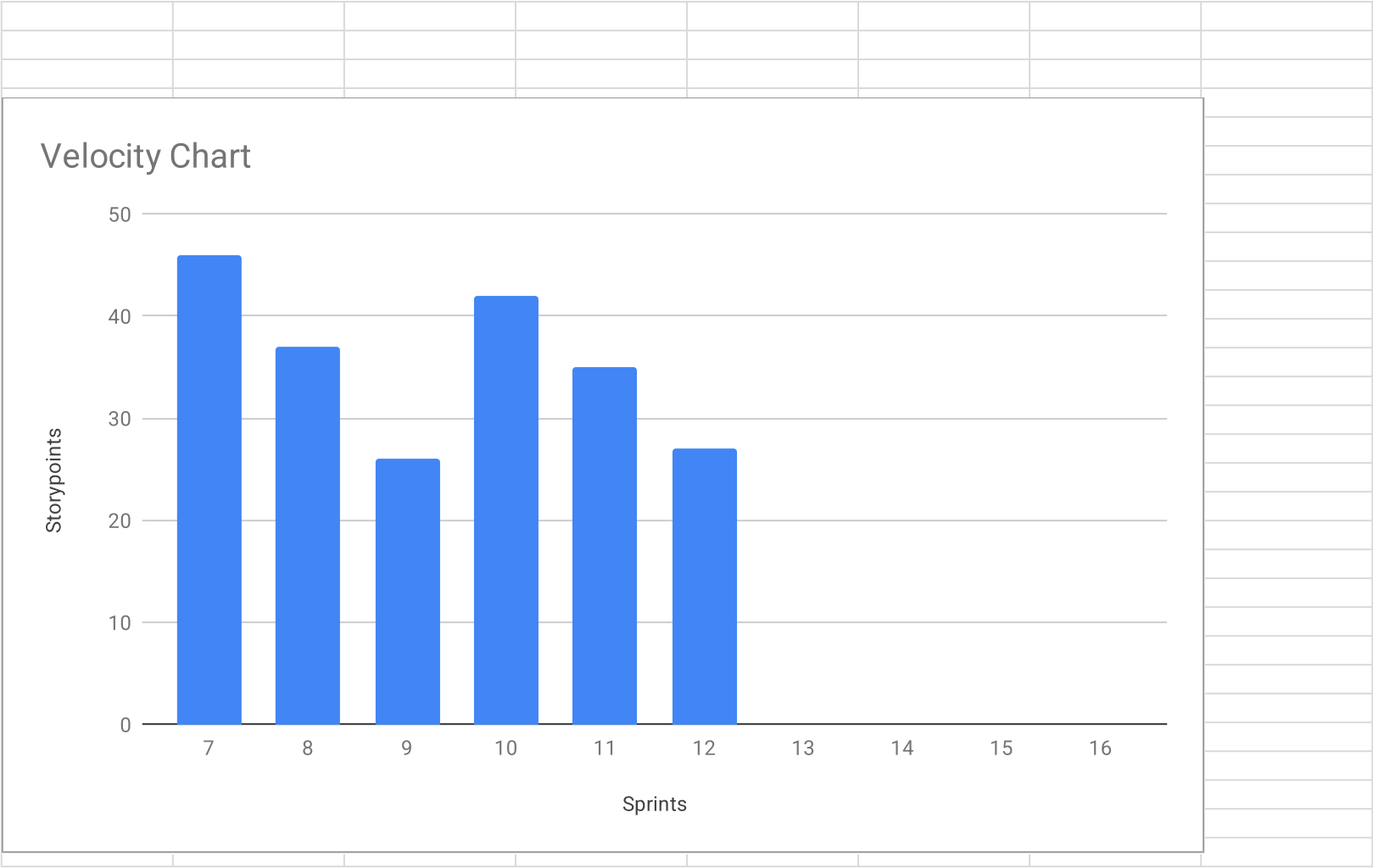


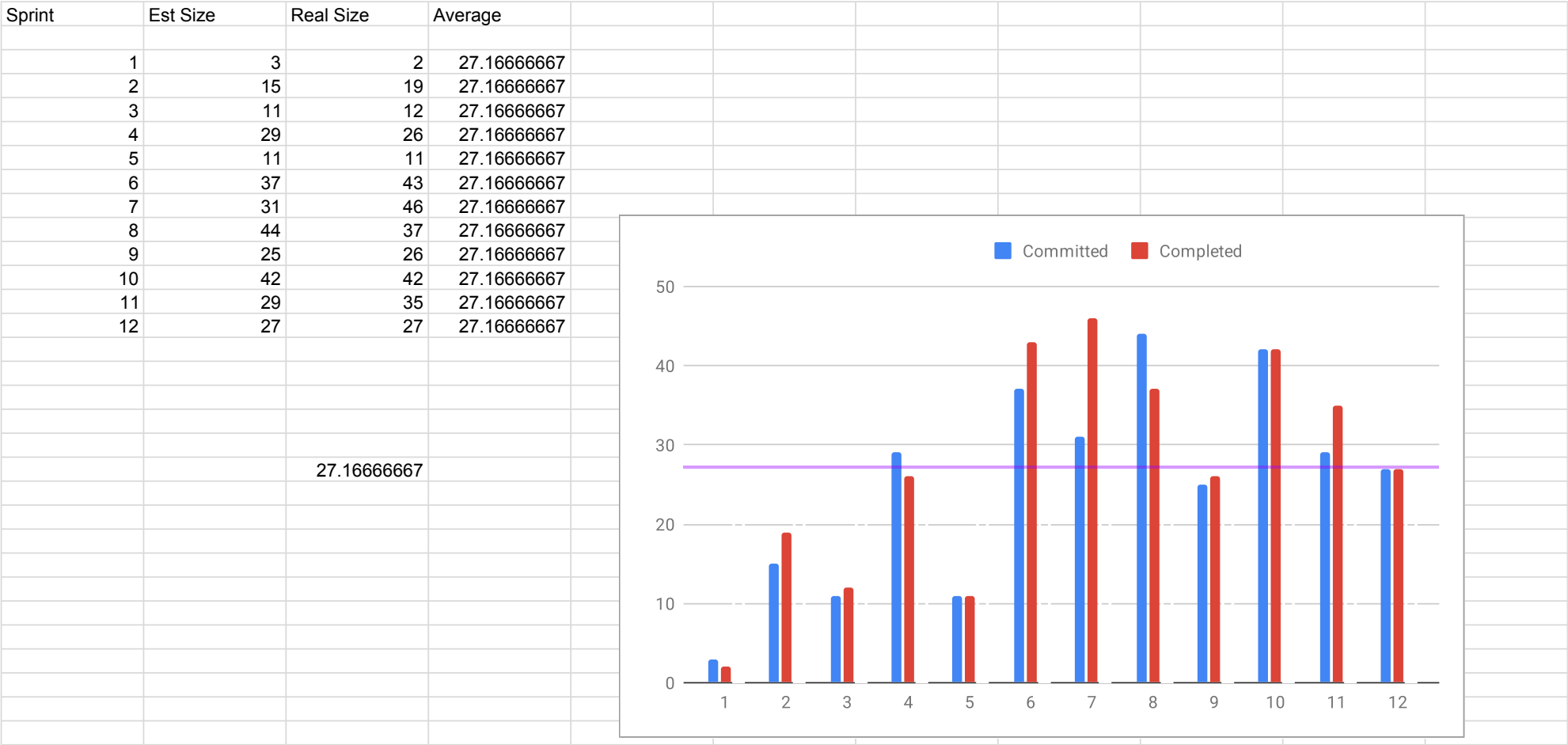
Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
4	Understanding the customers datastructure and analysis methods for them	Am Charts integration	2		2	
		First Test with Analysis module	3		3	
		Init the Analysis module	3		3	
		Analysis Methods: Rule Based Analysis	3		3	
		Analysis Methods: Density Based Analysis	5		5	
		Analysis Methods: Time Series Analysis	5		5	
		Analysis Methods: Neural Networks	8		5	
5	Real Data workflow	Being familiar with the Data	3		3	
		Backend: Email Notification Trigger	3		3	
		Unit & Integration Test Implementation Backend	3		3	
		Homework: Record and upload build process video	2		2	
6	Analysis Method Implementation	Github Actions: Test Automation	3		3	
		Frontend: Blueprint Alert Panel	5		3	
		Analysis Module: First Rule Based Analysis Implemented	5		3	
		Build Documentation	2		2	
		Unit & Integration Test Implementation Frontend	3		13	
		Backend: Backup Size-Timeline API	5		5	
		Frontend: Display Backup Size-Timeline	3		3	
		Backend: Alert Handling	3		3	
		Improve local setup - Containerization: Analyzer Module + Database	8		8	

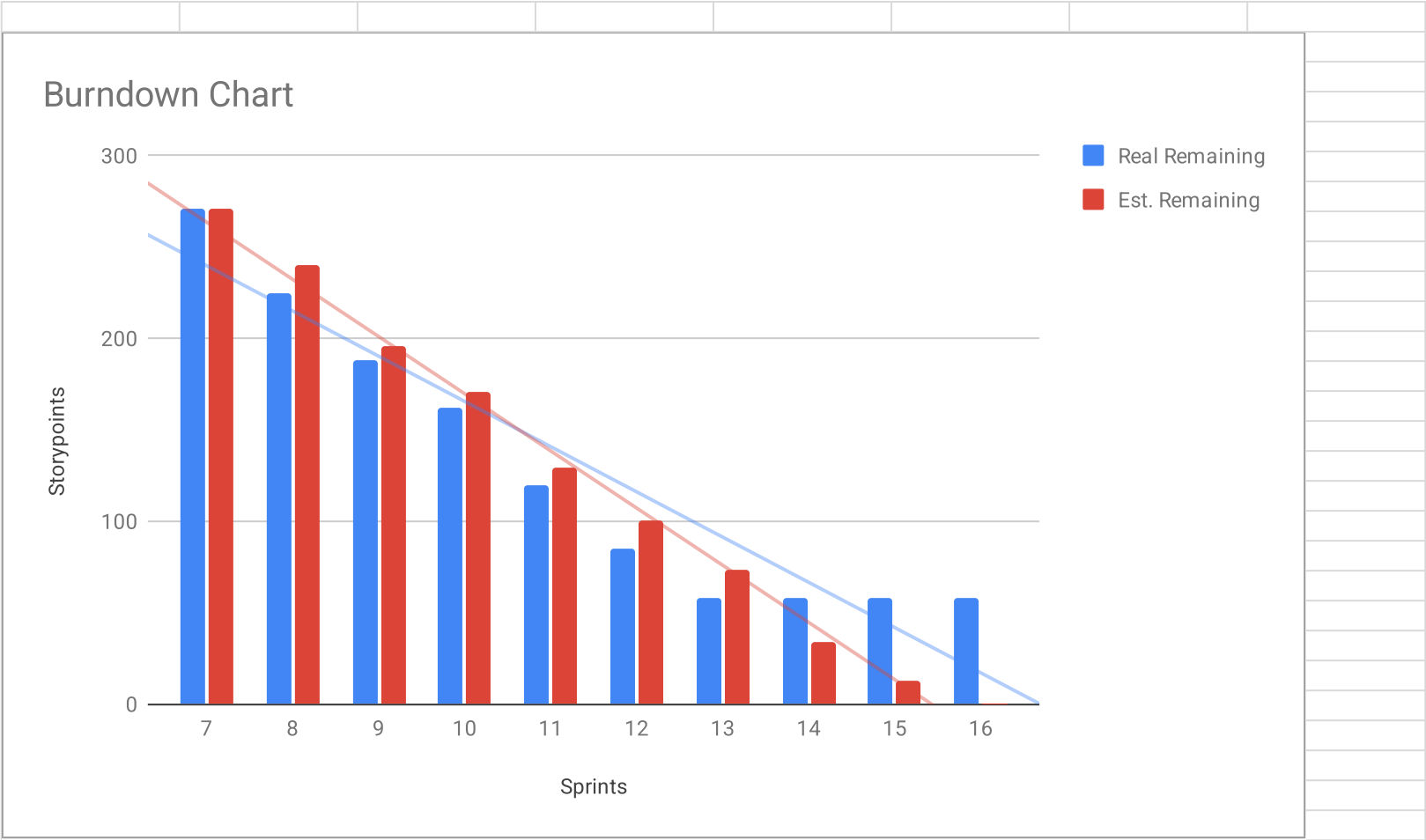
Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release						
Total						
Sprints						
7	Density based & Time Series Analysis implemented		31	271	46	271
8	Work on technical debt & Implement backup storage fill alert		44	240	37	225
9	Machine Learning Analysis Implemented		25	196	26	188
10	Frontend refactoring, Clean up		42	171	42	162
11	Creation of Alert overview page		29	129	35	120
12	Alert improvement, Clean up tasks, frontend add-ons		27	100	27	85
13	Main clean up, reduce technical dept, demo day preparation		39	73	0	58
14	Final Release		21	34	0	58
15	Report Created		13	13	0	58
16				0		58
Features						
7						
		Analysis Module: Rule Based Alert - Backup creation time alert	3		3	
		Clean Up Task: Technical debt clean up	8		8	
		Unit & Integration Test Implementation Frontend	3		13	
		Backend: Alert deactivation	3		3	
		Backend: Alert API - Backup creation time alert	5		5	
		Bug: Fix local setup for every chip based system (Win, linux, MacOS intel, MacOS arm)	5		8	
		Frontend: Alert Panel for Backup creation time alert	1		3	
		Frontend: Alert Panel Component - Deactivate option	3		3	
8		Replace UUID with Safe Set Name	3		3	
		Github Action: Include Frontend Tests	2		1	
		Analysis Module: Backup Storage Fill Alert	5		3	
		Backend Module: Alert API - Backup Storage Fill Alert	5		5	
		Frontend Module: Add task_id in the backup table	2		2	
		Backend Module: Filter backup data by backup tasks id's	8		3	
		Frontend Module: Filter bar chart by backup tasks	5		5	
		Backend: Email notification reciever list	3		3	
		Analysis Module: First Time Series Analysis Implemented	5		8	

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
		Analysis Module: Filter backup data by backup task id's	3		3	
		Filter by Backup ID is broken	3		1	
9		Frontend Module: Filter backup table by backup type	2		2	
		Backend Module: API for requesting all or selected backup types for backup table	1		2	
		Frontend: Email notification reciever list	3		3	
		Frontend: Show selected filter values for bar chart diagramm	2		1	
		Analysis Module: Time series analysis enhancement - Parameterization	5		5	
		Frontend Module: Filter backup size bar chart by backup type	2		2	
		Filter backups for Root backups	2		2	
		Frontend Module: Alert Panel - Backup Storage Fill Alert	2		3	
		Times in dump do not exactly match backend Database time	1		1	
		Fix Dev branch for next sprin	5		5	
10		Analysis & Backend Module: Improve creation time alert logic by using schedules	3		5	
		Frontend module: Show schedule time of task in Frontend (creation time alert, backup table)	5		2	
		Frontend Module: Trigger Analyzer manually per Button Click event	3		3	
		Research: Best way to use Time Series Analysis for Backup size alert	3		2	
		Backend Module: API to request all or selected backup types for backup size bar chart	3		2	
		Backend Module: API to trigger analyzer module	2		2	
		Frontend, Analyzer, Backend: Storage Fill Element	5		5	
		Update Glossary in Planning Document	2		1	
		Frontened/Backend Module: About Info-Text Panel	3		2	
		Frontend Module: Refactor Homepage design	3		3	
		Clean up 2	8		13	
		Update GitHub Wiki	2		2	
11		Backend Module: Implement API for estimated storage overflow time	3		3	
		Frontend Module: Estimated storage overflow time displayed in Data Stores panel	2		2	
		Frontend/Backend Module: Overview about total backups	3		3	
		Backend/Frontend Moduel: Save all alert creation times and display creation times of stor	3		2	
		Backend Module: Data and API for Alert overview page with alert table	3		8	
		Frontend: Sidebar with Navigation for pages	3		3	
		Backend & Analyzer Module: Add schedule time to backend information for backup table	5		5	
		Replace reoccurring storage fill alerts in the overview page	2		2	
		Create Testconcept	2		2	
		Fix and Update Docker Build	3		5	
		Clean Up 3				
12		Integration Test: Check wheather the live database can be integrated without any problems at runtime	2		0	

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
		Frontend Module: Alert overview page with alert table	5		5	
		Clean Up 4	3		3	
		Backend Module: Alert Overview Page Severity Counter API	1		1	
		Implement Analyzer run loading screen	2		2	
		Bugfix: Footer is fixed	1		1	
		Frontend Module: Filter for Data Stores panel	2		2	
		Frontend: Alert Overview Page: Matching Alerts with previous "same" alerts and display h	3		3	
		Backend: Alert Overview Page: Matching Alerts with previous "same" alerts and display history	3		5	
		Backend Module: Deprecation of storage fill alerts	5		5	
13		Clean up: Miscellaneous	5			
		Clean up: Analyzer	5			
		Backend Module: Pie chart API for FE and Analysis Module	5			
		Clean up: Backend	8			
		Prepare Demo day slide	3			
		Prepare Demo day video	5			
		Design-Update Architecture Diagram	1			
		Analyzer Module: Implement estimatated storage overflow time	5			
		Add Alert "Missing Backup"	5			
		Clean up : Frontend	2			
14		Frontend Module: Pie chart for backups with alert types	5			
		Analyzer Module: Send overflow estimation for data store to backend	2			
		Build well tested	8			
		Deactivation of alerts for alert panel is broke	1			
		Demo Prepared	3			
		Finalize user, (technical) design, and build/deploy documentation, Set up system from scratch	3			
		Clean up: Security	2			
15		Frontend: Display Alert id in coloum in an extra column on alert overview page	2			
		Report written	13			







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Type	Link / reference

#	Context	Name	Version	License	Comment
1	Frontend	Angular Devkit Build Angular	18.2.0	MIT	
2	Frontend	Angular Devkit Core	18.2.0	MIT	
3	Frontend	Angular Devkit SCHEMATICS	18.2.0	MIT	
4	Frontend	Angular CLI	18.2.0	MIT	
5	Frontend	Angular Compiler CLI	18.2.0	MIT	
6	Frontend	Angular Language Service	18.2.0	MIT	
7	Linter	Eslint JS	9.8.0	MIT	
8	Technical setup	NestJS Schematics	10.0.1	MIT	
9	Technical setup	Nest JS Testing	10.0.2	MIT	
10	Technical setup	Nx Angular	20.0.5	MIT	
11	Technical setup	Nx Cypress	20.0.5	MIT	
12	Technical setup	Nx EsBuild	20.0.5	MIT	
13	Linter	Nx ESLint	20.0.5	MIT	
14	Linter	Nx ESLint Plugin	20.0.5	MIT	
15	Technical setup	Nx Jest	20.0.5	MIT	
16	Technical setup	Nx js	20.0.5	MIT	
17	NX App Generator	Nx Nest	20.0.5	MIT	
18	NX App Generator	Nx Node	20.0.5	MIT	
19	NX App Generator	Nx web	20.0.5	MIT	
20	Technical setup	Schematics Angular	18.2.0	MIT	
21	Technical setup	SWC-Node Register	1.9.1	MIT	
22	Technical setup	SWC-Core	1.5.7	Apache-2.0	
23	Technical setup	SWC-Helpers	0.5.11	Apache-2.0	
24	Types	Types Cors	2.8.17	MIT	
25	Types	Types Jest	29.5.12	MIT	
26	Types	Types Node	18.16.9	MIT	
27	Linting	Typescript-eslint Utils	8.0.0	MIT	
28	Linting	Angular ESLint	18.3.0	MIT	
29	Testing Framework for E2E and Component Tests	Cypress	13.13.0	MIT	
30	Builder	EsBuild	0.19.2	MIT	
31	Make decorators useable with EsBuild	EsBuild Plugin Tsc	0.4.0	MIT	
32	Linter	ESLint	9.8.0	MIT	
33	Prettier Config for ESLint	ESLint Config Prettier	9.0.0	MIT	
34	ESLint Plugin for Linting in Cypress	ESLint Plugin Cypress	3.5.0	MIT	
35	Tests	Jest	29.7.0	MIT	
36	Tests	Jest Environment JSDom	29.7.0	MIT	

#	Context	Name	Version	License	Comment
37	Tests	Jest Environment node	29.7.0	MIT	
38	Tests	Jest Preset Angular	14.1.0	MIT	
39	Routing	JS Dom	22.1.0	MIT	
40	Monorepo setup	Nx	20.0.5	MIT	
41	Formatter	Prettier	2.6.2	MIT	
42	Testing	ts-jest	29.1.0	MIT	
43	Transpiler	ts-node	10.9.1	MIT	
44	Technical setup	tslib	2.3.0	0BSD	
45	Language for Frontend and Backend	typescript	5.5.2	Apache-2.0	
46	Linter for Typescript	typescript ESLint	8.0.0	MIT	
47	Frontend	Angular Animations	18.2.0	MIT	
48	Frontend	Angular Common	18.2.0	MIT	
49	Frontend	Angular Compiler	18.2.0	MIT	
50	Frontend	Angular Core	18.2.0	MIT	
51	Frontend	Angular Forms	18.2.0	MIT	
52	Frontend	Angular Platform Browser	18.2.0	MIT	
53	Frontend	Angular Platform Browser Dynamic	18.2.0	MIT	
54	Frontend	Angular Router	18.2.0	MIT	
55	Frontend Components	CDS Core	6.14.0	MIT	
56	CSS Framework + Components	CLR Angular	17.4.0	MIT + SIL Open Font License version 1.1	SIL Open Font License version 1.1 only for Fonts
57	CSS Framework + Components	CLR UI	17.3.1	MIT + SIL Open Font License version 1.1	SIL Open Font License version 1.1 only for Fonts
58	Backend Components	Nest JS Common	10.0.2	MIT	
59	Backend Components	Nest JS Config	3.3.0	MIT	
60	Backend Components	Nest JS Core	10.0.2	MIT	
61	Backend Components	Nest JS Platform Express	10.0.2	MIT	
62	API Docs	Nest JS Swagger	7.4.2	MIT	
63	Nest JS Database Support	Nest JS Typeorm	10.0.2	MIT	
64	Promise-based HTTP Client for Node	Axios	1.6.0	MIT	
65	transform plain object to some instance of class	Class Transformer	0.5.1	MIT	
66	Validations (e.g. for Dtos)	Class Validator	0.14.1	MIT	
67	Cross Origin Requests	Cors	2.8.5	MIT	
70	PostgreSQL Client for Node JS	pg	8.13.1	MIT	

#	Context	Name	Version	License	Comment
71	Runtime Reflections for types	Reflect-Metadata	0.1.13	Apache-2.0	
72	Reactive Programming (e.g. Observables)	RXJS	7.8.0	Apache-2.0	
73	API Docs UI	Swagger UI Express	5.0.1	MIT	
74	ORM	Typeorm	0.3.20	MIT	
75	Frontend	Zone JS	0.14.3	MIT	
76	Python	markupsafe	3.0.2	BSD	
77	Python	blinker	1.8.2	MIT	
78	Python	click	8.1.7	BSD	
79	Python	itsdangerous	2.2.0	BSD	
80	Python	jinja2	3.1.4	BSD	
81	Python	werkzeug	3.1.1	BSD	
82	Python	flask	3.0.3	BSD 3	
83	HttpModule for connecting to Analyzer Service	NestJS Axios	3.1.1	MIT	
84	Python to set environment variables	python-dotenv	1.0.1	BSD	
85	Frontend Chart-Design	amcharts5	5.10.7		
86	Frontend Chart-Design	amCharts 5 fonts	5.0.1		
87	Python Testing	Pytest	7.3.1	MIT	
88	Test Framework for Backend	NRWL Jest	19.8.4	MIT	
89	SQLAlchemy	SQL toolkit for Python	2.0.36	MIT	
90	pg8000	Postgres interface Library	1.31.2	MIT	
91	python-dateutil	extension to the standard Python datetime module	2.9.0	BSD	
92	asn1crypto	fast ASN.1 parser	1.5.1	MIT	
93	scrap	python implementation of SCRAM protocol	1.4.5	MIT	
94	Mock API Calls	Supertest	7.0.0	MIT	
95	Mock API Calls	Types Supertest	6.0.2	MIT	
96	Mailing	Nodemailer	6.4.16	MIT-0	
97	Mailing	@nestjs-modules/mailer	2.0.2	MIT	
98	Template Builder for Mailing	handlebars	4.7.8	MIT	
99	Mailing	nodemailer	6.9.16	MIT-0	
100	Swagger UI for Python	flasgger	0.9.7.1	MIT	
101	Python run for all OS	run-script-os		MIT	
102	CSS Framework + Components	CLR Icons	13.0.2	MIT + SIL Open Font License version 1.1	SIL Open Font License version 1.1 only for Fonts
103	Frontend testing	zone.js	0.14.10	MIT	
104	Frontend testing	vitest	2.1.5	MIT	

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Last Name	First Name	Value					
Sulzbach	Lara						
Oberndörfer	Florian	3		3.00	#DIV/0!		
Schnell	Oliver						
Klingenberg	Christoph						
Regl	Amelie			0	No size		
Engelhard	Dirk			1	Trivial size		
Rauen	Moritz			2	Small size		
Garbe	Valentin			3	Medium size		
Deli	Deniz			5	Large size		
				8	Very large size		
				13	Too large (size)		
How to play planning poker							
1. Everyone type their number into their value field, don't hit return yet							
2. Someone, perhaps a product owner, count down 3.. 2.. 1..							
3. Then, everyone hit return to submit their value							

Frontend				Backend			Analyzer			Docker
Seite	Komponente	Zu Testen		Komponente	Zu Testen		Komponente	Zu Testen		
Home	DataStores	Show All sollte alle Data Stores anzeigen		Swagger	Alle Endpoints durchtesten (Falls nicht schon durch Frontend ausreichend getestet)		Swagger	Alle Endpoints durchtesten (Falls nicht schon durch Frontend ausreichend getestet)		Build machen und laufen lassen
Home	DataStores	Beide Sortiermöglichkeiten müssen funktionieren		Mailing	Env var für mailing deaktivieren -> Über Analyzer Alert triggern -> keine Mail soll gesendet werden		Swagger	Beispielhaft endpoint von simple rule based analysis testen		
Home	Alert Panel	Alerts im Analyzer triggern -> Alert muss angezeigt werden		Mailing	Alert Type per master_active endpoint deaktivieren (Mailing env var muss active sein) -> Alert über Analyzer triggern -> keine Mail versenden		Swagger	Seite ist unter " <a href="http://localhost:8000/apidocs/#/default">http://localhost:8000/apidocs/#/default</a> " erreichbar		
Home	Chart	Filter testen								
Home	Information Panel	Text noch aktuell?								
Header	Settings Notifications	Alert Type von dem ein Alert im Panel angezeigt wird deaktivieren -> sollte jetzt nicht mehr angezeigt werden								
Header	Settings - Notifications	Alert type deaktivieren (Mailing muss aktiviert sein) -> Über analyzer triggern -> Mail sollte nicht verschickt werden								
Header	Settings Email Receiver	Mail Receiver hinzufügen (Mailing muss aktiviert sein) -> Über Analyzer Alert triggern -> Mail sollte ankommen								
Header	Refresh Button	Backend Datenbank Tabellen leeren (Alert Tables, BackupData, Tasks, Data Stores) -> Refresh Button klicken -> Icon sollte sich drehen, bis Daten da sind								
Sidebar	Links	Links testen								
Backup Statistics Page	Tabelle	Alle Spalten Filterung und Sortierung testen (mit Datenbank abgleichen)								
Backup Statistics Page	Charts	Filter testen								
Prio 1	Muss immer getestet werden									
Prio 2	Muss nur getestet werden, wenn in der Nähe was verändert wurde									
Prio 3	Muss am Ende jeden Sprints getestet werden durch Release Manager									