amos2024ws02-planning-document Sprint Goals

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

amos2024ws02-planning-document Project Data

Project Name	
Online team meeting	https://fau.zoom-x.de/j/61181981845?pwd=ZJq0iXvp6t5yTNBjRccLMqrUQEylWF.1
Production system (if any)	
Test system (if any)	
GitHub repository	https://github.com/amosproj/amos2024ws02-backup-metadata-analyzer
GitHub feature board	https://github.com/orgs/amosproj/projects/71/views/2
GitHub imp-squared backlog	https://github.com/orgs/amosproj/projects/75/views/1
Team T-shirt female (white)	https://www.shirtinator.de/s/scY-JglCTmu_7ZBCkeWx0w
Team T-shirt female (black)	https://www.shirtinator.de/s/zM5PRDBVRdOw03ch6thh4w
Team T-shirt male (white)	https://www.shirtinator.de/s/DUbamNAcRXukdXcISNchvA
Team T-shirt male (black)	https://www.shirtinator.de/s/97GiPyFdTre3YHtD_MlpIQ
Additional materials	
Team maling list	oss-amos-proj2@lists.fau.de

amos2024ws02-planning-document Project Team

Last Name	First Name	GitHub User Name	Email Address
Sulzbach	Lara	LaraSlzb	lara.sulzbach@fau.de
Oberndörfer	Florian	flo0852	florian8751t@gmail.com
Schnell	Oliver	Omega65536	mail@oliver-schnell.de
Klingenberg	Christoph	chrisklg	christoph.klingenberg@fau.de
Regl	Amelie	heskil	mellyre42@gmail.com
Engelhard	Dirk	engelharddirk	dirk.engelhard@hotmail.de
Rauen	Moritz	LHMoritz	moritzrauen.mr@gmail.com
Garbe	Valentin	Us3rname11	garbevalentin@gmail.com
Deli	Deniz	ddeli	d.deli@campus.tu-berlin.de

amos2024ws02-planning-document Role Assignments

#	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
roduct	owners, software	developers, and Scurm Ma	aster are set and ideally don't change	over time; the critical part is the Re	lease Manager role you need to	define here

Goals	Be respectful to each other
	Have fun together
	Learn new things, improve software engineering, team-working skills
	create valuable outcome
	Help each other
Meeting norms	Be on time
	Inform the team about unavalability
	Keep it short and conciese
Working norms	Ask for help, support each other
	follow coding best-practices: work on feature-branch, comment code, commit often
Coordination norms	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
Communication norms	Communication is mainly over Slack
	internal communication in German, external in English
	Honestly over performance, do not try to cover mistakes
Consideration norms	PO's should lead the discussion
Cont. improvement norms	Give directly adressed and constructive feedback
Rewards	
Sanctions	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
Signatures	
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

amos2024ws02-planning-document Product Goal

Product Vision	Project Mission
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 analizer 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.	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.

amos2024ws02-planning-document Product Glossary

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

amos2024ws02-planning-document

Mid-Project Release plan

0	01	Foot of Manager	F. (6)	Est.	D O' .	Real
Sprint	Goal	Feature Name	Est. Size	Remaining	Real Size	Remaining
Release	9					
Total			129	129		
Sprints						
-						
1	Dev Environment	Setup	3	129	2	129
2	Architecture Foun	dation	15	126	19	127
	Build Process					
3	Setup		11	111	12	108
	Understanding					
	the customers datastructure and					
	analysis methods					
4	for them		29	100	26	96
5	Real Data workflow	N	34	71	40	70
	Analysis Method					
6	Implementation		37	37	43	30
Feature	S					
1		Dev Environment Setup	3		2	
2	Architecture Foun	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	
	Build Process	D 111 D			_	
3	Setup	Build Process Review preperation	1		2	
		Implement build process for release	8		8	
		Decide on Build process steps for release	2		2	

amos2024ws02-planning-document

Mid-Project Release plan

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Spriiit	Understanding the customers datastructure and analysis methods		LSt. 312e	Kemaming	Neal Size	Kemaming
4	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	
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	

amos2024ws02-planning-document Final Project Release plan

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release)					
Total			230	230		
Sprints						
	December 10 Tree Octobridation					
7	Density based & Time Series Analysis implemented		31	230	46	230
8	Work on technical debt & Implement backup storage fill alert		44	199	37	184
9	Machine Learning Analysis Implemented		25	155	26	147
10	Frontend refactoring, Clean up		19	130	16	121
11	Creation of Alert overview page		36	111	28	105
12	Alert improvement, Clean up tasks, frontend add-ons		17	75	0	77
	Main clean up, reduce technical dept, demo day					
13	preparation		23		0	
14	Final Release		22		0	
15	Report Created		13	13	0	
16				0		77
Feature	S					
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	

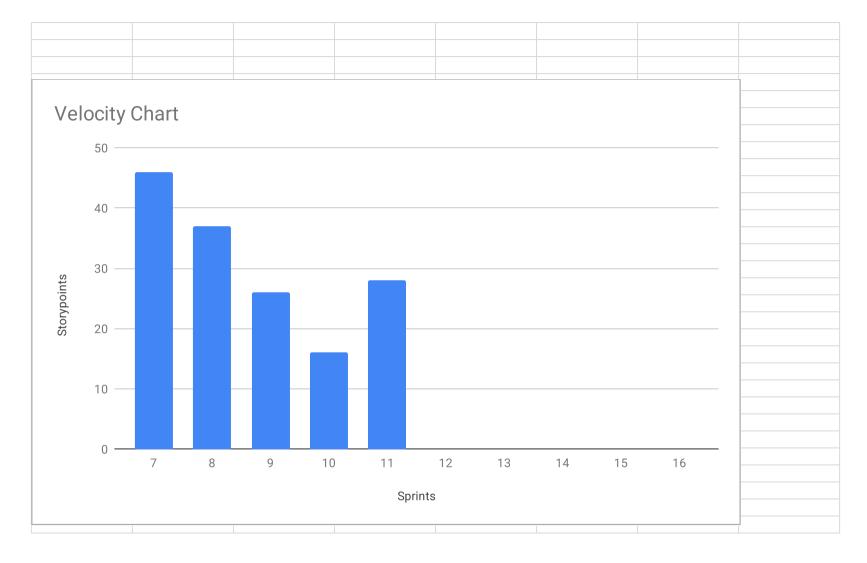
amos2024ws02-planning-document Final Project Release plan

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		Real Size 3 3 1 2 2 3 3 1 5 2 2 3 3 1 5 5 5 5 4 2 2 3 3 1 3 2 3 3 1 3 2 8 3 3 5 2	
		Frontend: Email notification reciever list	3			
		Frontend: Show selected filter values for bar chart diagramm	2			
		Analysis Module: Time series analysis enhancement - Parameterization	5			
		Frontend Module: Filter backup size bar chart by backup type	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		Analyisis & 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	
11		Frontend Module: Estimated storage overflow time displayed in Data Stores panel	2			
		Frontend/Backend Module: Overview about total backups	3			
		Backend/Frontend Moduel: Save all alert creation times and display creation times of stor	3		-	
		Backend Module: Data and API for Alert overview page with alert table	3			
		Frontend: Sidebar with Navigation for pages	3			
		Backend & Analyzer Module: Add schedule time to backend information for backup	3		3	
		table	5		5	
		Replace reoccuring storage fill alerts in the overview page	2		2	
		Create Testconcept	2		2	
		Fix and Update Docker Build	3		5	
		Clean Up 3				
		Integration Test: Check wheather the live detahase can be integrated without and				
12		Integration Test: Check wheather the live database can be integrated without any problems at runtime	2			

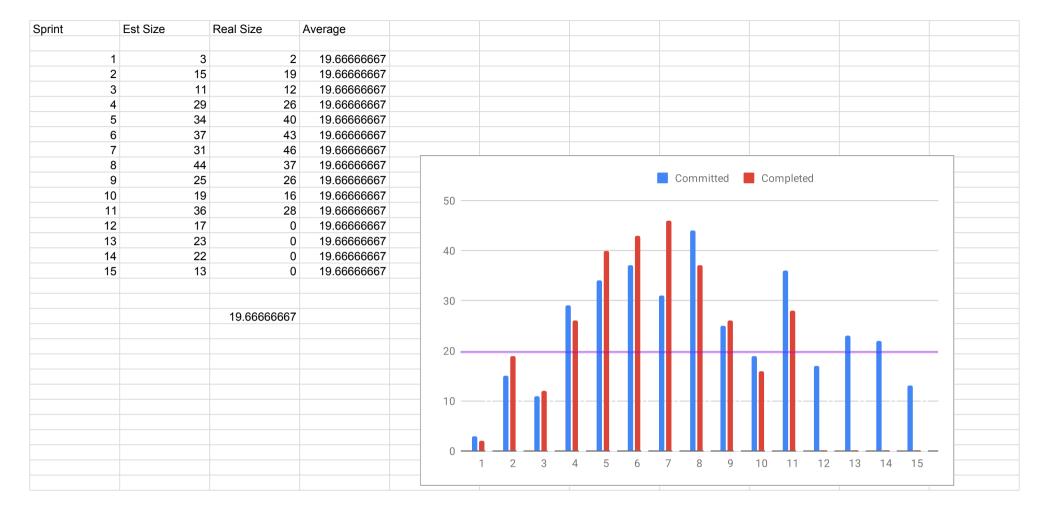
amos2024ws02-planning-document Final Project Release plan

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
		Frontend Module: Alert overview page with alert table	5	_		
		Analyzer Module: Implement estimatated storage overflow time	5			
		Add Alert "Missing Backup"	5			
		Implement Analyzer run loading screen	2			
		Clean up : Frontend				
		Frontend Module: Filter for Data Stores panel	2			
		Frontend: Alert Overview Page: Matching Alerts with previous "same" alerts and display h				
		Backend: Alert Overview Page: Matching Alerts with previous "same" alerts and display history	3			
		Backend Module: Deprecation of storage fill alerts	5			
		Clean up: Miscellaneous				
		Clean up: Analyzer				
		Bugfix: Footer is fixed	1			
13		Backend Module: Pie chart API for FE and Analysis Module	5			
13		Frontend Module: Pie chart for backups with alert types	5			
		Clean up: Backend	3			
		Clean up: Security	2			
		Prepare Demo day slide	3			
		Prepare Demo day video	3			
		Design-Update Architecture Diagram	2			
		Design-Opdate Architecture Diagram				
14		Bugfixing	8			
		Build well tested	8			
		Demo Prepared	3			
		Finalize user, (technical) design, and build/deploy documentation, Set up system from scratch	3			
15		Report written	13			
. •		- Coport made	10			

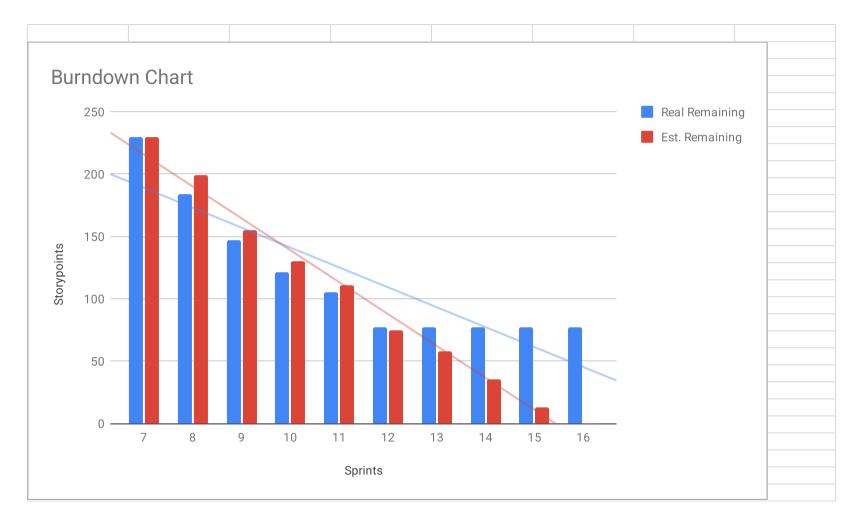
amos2024ws02-planning-document Velocity Chart



amos2024ws02-planning-document Velocity Chart - SM



amos2024ws02-planning-document Burndown Chart



amos2024ws02-planning-document Definition of Done

#	Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done
	Github actions pipline: success / All test: success	Sprint board is cleaned up	Well tested software
	All acceptance criteria are met	Release candidate is demoed and approved	No "loose ends" in the codebase
	Code review done and approved	Release Dev branch is merged to main	Stable running software
	Is merged to Dev branch		Documentation is complete
	Tests for new feature are implemented		Industry partners have no questions left about functionality and usage
			Industry partners are satisfied with value of the product

Type	Link / reference

#	Context	Name	Version	License	Comment
1	Frontend	Angular Devkit Build Angular	18.2.0	MIT	
2	Prontend	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	
g	Technical setup	Nest JS Testing	10.0.2	MIT	
	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	
	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	
	Technical setup	Nx js	20.0.5	MIT	
	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	
	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	
	Types	Types Jest	29.5.12	MIT	
26	Types	Types Node	18.16.9	MIT	
27	Linting	Typescript-eslint Utils	8.0.0	MIT	
	Linting	Angular EsLint	18.3.0	MIT	
	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	
	EsLint Plugin for Linting in				
	Cypress	EsLint Plugin Cypress	3.5.0	MIT	
	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	
	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	
	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 MIT + SIL Open	SIL Open Font License version 1.1 only for Fonts
57	CSS Framework + Components	CLR UI	17.3.1	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	
	Cross Origin Requests	Cors	2.8.5	MIT	
	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	
	Reactive Programming (e.g.				
	Observables)	RXJS	7.8.0	Apache-2.0	
	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	
	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	
	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	scramp	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	
	Mailing	@nestjs-modules/mailer	2.0.2	MIT	
	Template Builder for Mailing	handlebars	4.7.8	MIT	
	Mailing	nodemailer	6.9.16	MIT-0	
	Swagger UI for Python	flasgger	0.9.7.1	MIT	
	Python run for all OS	run-script-os		MIT	
	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
	Frontend testing	zone.js	0.14.10	MIT	OIL OPOIL FOR EIGENSE VERSION 1.1 ONLY TO THE
	Frontend testing	vitest	2.1.5	MIT	

#	Context	Name	Version	License	Comment
105	Frontend testing	@analogjs/platform	1.9.4	MIT	
106	Frontend testing	@analogjs/vite-plugin-angular	1.9.4	MIT	
107	Frontend testing	@analogjs/vitest-angular	1.9.4	MIT	
108	Time Series Analysis	Darts	0.31.0	MIT	
109	Data processing for Time Series	pandas	2.2.3	BSD 3	

amos2024ws02-planning-document Planning Poker

Last Name	First Name	Value			
Sulzbach	Lara			#DIV/	
Oberndörfer	Florian	3	3.00		
Schnell	Oliver			0!	
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					
Everyone type their number in	to 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 su	ubmit their value				

amos2024ws02-planning-document Testfeatures

Frontend			Backend		Analyzer		Docker
Seite	Komponente	Zu Testen	Komponente	Zu Testen	Komponente	Zu Testen	
	DataStores	Ohn All collection Data Classical Characteristics		Alle Endpoints durchtesten (Falls nicht schon		Alle Endpoints durchtesten (Falls nicht schon durch Frontend ausreichend	Build machen und laufen
Home	DataStores	Show All sollte alle Data Stores anzeigen	Swagger	durch Frontend ausreichend getestet) Env var für mailing deaktivieren -> Über Analyzer Alert triggern -> keine Mail soll	Swagger	getestet) Beispielhaft endpoint von simple rule based	lassen
Home	DataStores	Beide Sortiermöglichkeiten müssen funktionieren	Mailing	gesendet werden Alert Type per master_active endpoint	Swagger	analysis testen	
Home	Alert Panel	Alerts im Analyzer triggern -> Alert muss angezeigt werden	Mailing	deaktivieren (Mailing env var muss active sein) -> Alert über Analyzer triggern -> keine Mail versenden	Swagger	Seite ist unter "http://localhost: 8000/apidocs/#/default/" erreichbar	
Home	Chart	Filter testen	Walling	verserideri	Owagger	0000/apidocs/#/defadib	
Home	Information Panel	Text noch aktuell?					
Header		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	LITING	Alle Spalten Filterung und Sortierung testen (mit					
Statistics Page Backup	Tabelle	Datenbank abgleichen)					
Statistics Page	Charts	Filter testen					
Prio 1	Muss immer getestet werden						
D.C. O	Muss nur getestet werden, wenn in der Nähe was verändert						
Prio 2	wurde Muss am Ende jeden Sprints getestet						
Prio 3	werden durch Release Manager						