AMOS P1 - Planning Document Project Data

Project Name	Xcelerator Demo App
Online team meeting	https://fau.zoom-x.de/j/68734239815
Production system (if any)	TBD
Test system (if any)	TBD
GitHub repository	https://github.com/amosproj/amos2024ss01-xcelerator-demo-app
GitHub feature board	https://github.com/orgs/amosproj/projects/43/views/2
GitHub impediments backlog	
Male Team T-shirt (white)	https://www.shirtinator.de/s/ZyMdmUG5TpCQTKqMQLhArQ
Male Team T-shirt (black)	https://www.shirtinator.de/s/Gpdz8IxTT7-4qgmoQZBK5w
Female Team T-shirt (white)	https://www.shirtinator.de/s/rfxFlAlxTlebR-mo-t182g
Female Team T-shirt (black)	https://www.shirtinator.de/s/tBsO50F8STmiLdLYU9WCCQ
Additional materials	
Team maling list	oss-amos-proj1@lists.fau.de

AMOS P1 - Planning Document Project Team

Last Name	First Name	GitHub User Name	Email Address
Lorenz	Alexander	Hydraneut	alex.lorenz.1@gmx.de
Rajjo	Lama	lamara11	lama.l.rajjo@fau.de
Sternberg	Ingo	IngoSternberg	ingo.sternberg@fau.de
Betancourt Barrita	Cecilia	ceciliabetb	cecilia.betancourt@fau.de
Heisterberg	Jonas	Persists	jonas@mennicke.com
Krug	Maximilian	HaruspexSan	krugm03@gmail.com
Nasir	Shahraz	shahraz1998	nasirsharaz@gmail.com
Schmidt	Patrick	PatrickSchm1dt	patrick.m.schmidt@fau.de
Bojanić	Saša	Sabo2k	saleb2k@gmail.com
Schmidt	David	KonsumGandalf	d.schmidt@campus.tu-berlin.de / david_scl

AMOS P1 - Planning Document Role Assignments

Meeting Day Product Owners	Software Developer	Release Manager	Scrum Master	Comment
2024-04-17 Lama Rajjo, Shahraz Nasir	Everyone else	N/A	Cecilia Betancourt Barrita	
2024-04-24 Lama Rajjo, Shahraz Nasir	Everyone else	TBD	Cecilia Betancourt Barrita	
2024-05-01 Lama Rajjo, Shahraz Nasir	Everyone else	TBD	Cecilia Betancourt Barrita	
2024-05-08 Lama Rajjo, Shahraz Nasir	Everyone else	Saša Bojanić	Cecilia Betancourt Barrita	
2024-05-15 Lama Rajjo, Shahraz Nasir	Everyone else	Jonas Heisterberg	Cecilia Betancourt Barrita	
2024-05-22 Lama Rajjo, Shahraz Nasir	Everyone else	Maximilian Krug	Cecilia Betancourt Barrita	
2024-05-29 Lama Rajjo, Shahraz Nasir	Everyone else	Alexander Lorenz	Cecilia Betancourt Barrita	Mid-term due
2024-06-05 Lama Rajjo, Shahraz Nasir	Everyone else	David Schmidt	Cecilia Betancourt Barrita	
2024-06-12 Lama Rajjo, Shahraz Nasir	Everyone else	Patrick Schmidt	Cecilia Betancourt Barrita	
2024-06-19 Lama Rajjo, Shahraz Nasir	Everyone else	Ingo Sternberg	Cecilia Betancourt Barrita	
2024-06-26 Lama Rajjo, Shahraz Nasir	Everyone else	Saša Bojanić	Cecilia Betancourt Barrita	
2024-07-03 Lama Rajjo, Shahraz Nasir	Everyone else	Alexander Lorenz	Cecilia Betancourt Barrita	
2024-07-10 Lama Rajjo, Shahraz Nasir	Everyone else	Maximilian Krug	Cecilia Betancourt Barrita	
2024-07-17 Lama Rajjo, Shahraz Nasir	Everyone else	Jonas Heisterberg	Cecilia Betancourt Barrita	Demo day!
2024-07-24 Lama Rajjo, Shahraz Nasir	Everyone else	David Schmidt	Cecilia Betancourt Barrita	Retrospective
"				· ·
t owners, soπware developers, and Scurm Mas	ster are set and ideally don't change	e over time; the critical part is the I	Release Manager role you need to defin	ne nere
t	2024-04-17 Lama Rajjo, Shahraz Nasir 2024-05-01 Lama Rajjo, Shahraz Nasir 2024-05-08 Lama Rajjo, Shahraz Nasir 2024-05-15 Lama Rajjo, Shahraz Nasir 2024-05-22 Lama Rajjo, Shahraz Nasir 2024-05-29 Lama Rajjo, Shahraz Nasir 2024-06-12 Lama Rajjo, Shahraz Nasir 2024-06-19 Lama Rajjo, Shahraz Nasir 2024-07-03 Lama Rajjo, Shahraz Nasir 2024-07-10 Lama Rajjo, Shahraz Nasir 2024-07-17 Lama Rajjo, Shahraz Nasir 2024-07-24 Lama Rajjo, Shahraz Nasir	2024-04-17 Lama Rajjo, Shahraz Nasir Everyone else 2024-04-24 Lama Rajjo, Shahraz Nasir Everyone else 2024-05-01 Lama Rajjo, Shahraz Nasir Everyone else 2024-05-08 Lama Rajjo, Shahraz Nasir Everyone else 2024-05-15 Lama Rajjo, Shahraz Nasir Everyone else 2024-05-22 Lama Rajjo, Shahraz Nasir Everyone else 2024-05-29 Lama Rajjo, Shahraz Nasir Everyone else 2024-06-05 Lama Rajjo, Shahraz Nasir Everyone else 2024-06-12 Lama Rajjo, Shahraz Nasir Everyone else 2024-06-19 Lama Rajjo, Shahraz Nasir Everyone else 2024-06-26 Lama Rajjo, Shahraz Nasir Everyone else 2024-07-03 Lama Rajjo, Shahraz Nasir Everyone else 2024-07-10 Lama Rajjo, Shahraz Nasir Everyone else 2024-07-10 Lama Rajjo, Shahraz Nasir Everyone else 2024-07-17 Lama Rajjo, Shahraz Nasir Everyone else 2024-07-24 Lama Rajjo, Shahraz Nasir Everyone else 2024-07-24 Lama Rajjo, Shahraz Nasir Everyone else	2024-04-17 Lama Rajjo, Shahraz Nasir Everyone else N/A 2024-04-24 Lama Rajjo, Shahraz Nasir Everyone else TBD 2024-05-01 Lama Rajjo, Shahraz Nasir Everyone else TBD 2024-05-08 Lama Rajjo, Shahraz Nasir Everyone else Saša Bojanić 2024-05-15 Lama Rajjo, Shahraz Nasir Everyone else Jonas Heisterberg 2024-05-22 Lama Rajjo, Shahraz Nasir Everyone else Maximilian Krug 2024-05-29 Lama Rajjo, Shahraz Nasir Everyone else Alexander Lorenz 2024-06-05 Lama Rajjo, Shahraz Nasir Everyone else David Schmidt 2024-06-12 Lama Rajjo, Shahraz Nasir Everyone else Patrick Schmidt 2024-06-19 Lama Rajjo, Shahraz Nasir Everyone else Ingo Sternberg 2024-07-03 Lama Rajjo, Shahraz Nasir Everyone else Saša Bojanić 2024-07-10 Lama Rajjo, Shahraz Nasir Everyone else Alexander Lorenz 2024-07-10 Lama Rajjo, Shahraz Nasir Everyone else Maximilian Krug 2024-07-17 Lama Rajjo, Shahraz Nasir Everyone else Jonas Heisterberg 2024-07-24 Lama Rajjo, Shahraz Nasir Everyone else Jonas Heisterberg 2024-07-24 Lama Rajjo, Shahraz Nasir Everyone else David Schmidt	2024-04-17 Lama Rajjo, Shahraz Nasir Everyone else N/A Cecilia Betancourt Barrita 2024-04-24 Lama Rajjo, Shahraz Nasir Everyone else TBD Cecilia Betancourt Barrita 2024-05-01 Lama Rajjo, Shahraz Nasir Everyone else TBD Cecilia Betancourt Barrita 2024-05-08 Lama Rajjo, Shahraz Nasir Everyone else Saša Bojanić Cecilia Betancourt Barrita 2024-05-15 Lama Rajjo, Shahraz Nasir Everyone else Jonas Heisterberg Cecilia Betancourt Barrita 2024-05-22 Lama Rajjo, Shahraz Nasir Everyone else Maximilian Krug Cecilia Betancourt Barrita 2024-05-29 Lama Rajjo, Shahraz Nasir Everyone else Alexander Lorenz Cecilia Betancourt Barrita 2024-06-05 Lama Rajjo, Shahraz Nasir Everyone else David Schmidt Cecilia Betancourt Barrita 2024-06-12 Lama Rajjo, Shahraz Nasir Everyone else Patrick Schmidt Cecilia Betancourt Barrita 2024-06-19 Lama Rajjo, Shahraz Nasir Everyone else Ingo Sternberg Cecilia Betancourt Barrita 2024-06-26 Lama Rajjo, Shahraz Nasir Everyone else Saša Bojanić Cecilia Betancourt Barrita 2024-07-03 Lama Rajjo, Shahraz Nasir Everyone else Alexander Lorenz Cecilia Betancourt Barrita 2024-07-10 Lama Rajjo, Shahraz Nasir Everyone else Maximilian Krug Cecilia Betancourt Barrita 2024-07-10 Lama Rajjo, Shahraz Nasir Everyone else Maximilian Krug Cecilia Betancourt Barrita 2024-07-17 Lama Rajjo, Shahraz Nasir Everyone else Jonas Heisterberg Cecilia Betancourt Barrita

AMOS P1 - Planning Document Team Contract

Goals	
	Fulfilling the requirements from the client
	Deliver a quality demo
	SMART principles
	Have fun
	Improve coding skills
Meeting norms	
-	Punctuality
	Inform others of your absence or if you are late (WhatsApp)
	Openness
	Give feedback
	Active participation
	Meetings should have agendas
	Best practice is keeping the camera on; do what you want in call but do not interrupt the workflow
Working norms	
	Respect deadline
	Inform early to the team if you are struggling to complete a task
	Seek help or clarification
	Be efficient
	When doing flow charts use <u>draw.io</u>
Coordination norms	
	We use the StandUp-Emails
	Interact actively with the Industry partner during meetings
Communication norms	
	Honesty
	If there is any problem, communicate it on time
	Check discord at least Bi-daily
	Whatsapp: Used for small messages, stuff that does not need repleis
	Discord for general communication: pair coding
	Zoom: team-Meetings and Partner Meetings
	Avoid side conversations & interruptions
Consideration norms	
	Patience
	Accept some level of knowledge gap
	Be aware of the differences
	Add roles - "Most kills" - most bugfixes, "Most assists" - most supportive for others, "Headhunter" - Solving most tickets
Cont. improvement norms	

AMOS P1 - Planning Document Team Contract

	Be available to take up various kinds of tasks
	Learn from each other
	Keep in touch with the industry partner(We collect Questions via discord and ask them via E-Mail)
	After commit ad at least 2 developers for code review
Rewards	
	Recognition
	Achievements/Titles:
	Most-Assists: Most-Helpfull TeamMember
	Most-Kills: Most-Bug fixes
	HeadHunter: Most-Tasks-Cleared
Sanctions	
	After breach of contract you have to wear a silly tie to the next team-meeting
Signatures	· · · · · · · · · · · · · · · · · · ·
Scrum Master	Cecilia Betancourt Barrita
Product owner	Lama Rajjo
Product owner	Shahraz Nasir
Software developer	Alexander Lorenz
Software developer	Ingo Sternberg
Software developer	Jonas Heisterberg
Software developer	David Schmidt
Software developer	Patrick Schmidt
Software developer	Saša Bojanić
Software developer	Maximilian Krug

AMOS P1 - Planning Document Product Goal

Product Vision Project Mission Due to their positive alignment with global sustainability objectives, IoT technologies The mission of this project is to develop an application streamlining the monitoring have been adopted in several industries. One such example is the asset resource and management of facilities, allowing managers to rapidly identify and address management area, where the use of energy systems (and the included devices) issues such as faulty pumps or tanks. Moreover, they will have access to needs to be closely monitored to assure safety and efficiency. Since temporary comprehensive data on their assets, enabling them to make data-driven decisions about repairs, replacements, and upgrades. In addition, we aim to showcase how to failures of IoT devices can have substantial consequences, allowing facility managers to quickly ascertain and react to the status of their assets is pivotal. Our application employ the Siemens Xcelerator ecosystem to monitor and manage multiple facilities. intends to address this issue by leveraging the Siemens Xcelerator ecosystem, which highlighting key features such as real-time data integration, predictive maintenance, offers reliability and intelligence in facility management. and streamlined operations. Our solution will provide a centralized platform for tracking the status of all facilities, ensuring that critical issues are prioritized and resolved promptly. As a result, operational costs will encounter a reduction, while the lifespan of facility assets will extend. Moreover, it will be an example of what can be achieved with the Siemens Xcelerator platform, serving as an educational tool, and creating a robust foundation for developers to build upon.

AMOS P1 - Planning Document Product Glossary

Term	Definition
IoT devices	Technologies that behave and adjust their status in a predefined manner based on live data
Facility	A location, typically a large building, having IoT devices installed
Faulty	Adjective describing a facility suffering from one or more device failures
Work order	A request for support, repairment, or maintenance regarding one or more device failures in a facility
Facility Manager	The person who needs/wants/can inspect the status a certain facility, and create work orders for the ones with device failures.
Case	A work order submitted for a facility suffering from one or more device failures.

AMOS P1 - Planning Document Sprint Goals

Sprint #	Sprint goal
1	None
2	None
3	None
4	Frame application screens refinement
5	Backend optimizations and authentication
6	Integrating Backend and Frontend
7	System Refactoring and Error Handling
8	Connecting to Insights Hub APIs
9	Final UI Enhancements and Database Management
10	Testing and Pre-Deployment Preparations
11	State Management and User Login
12	Preparations for Demo Day and documentation
13	
14	
15	

AMOS P1 - Planning Document

Mid-Project Release plan

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Releas	 					
Total			136	136		
Sprints						
1	Research and team organization		0	136	0	136
2	Fundamental setup and definition of resources		18		27	136
3	Frame application screens skeleton		25			
4	Frame application screens refinement		22		24	79
5	Backend optimizations and authentication		29		0	55
6	Integrating Backend and Frontend		42		-	55
Feature			-			
1	Research and team organization					
•	Troobaron and toam organization	Design and upload team logo	_		_	
		Create T-shirt mockup	_		_	
		Research of fundamentals	_		_	
2	Fundamental setup and definition of resources					
_		Software architecture document	5		5	
		Fill in the bill od materials	2		2	
		Github Pipelines	2		5	
		Nx Setup	3		5	
		Config based service implementation in Angular	3		5	
		Config service for NEST	3		5	
3	Frame application screens skeleton					
		Build process review	3		3	
		Automate release process	5		5	
		Frame Application Screen: Homepage (Facilities with errors)	3		5	
		Frame Application Screen: Facilities Overview	3		2	
		Navigation/Routing	3		5	
		Set up Tailwind	2		2	
		Setting up Prisma	3		3	
		Frame Application Screen: Order Form	3		5	
4	Frame application screens refinement					
		Automate the bill of materials	3		3	
		Frame Application Screen: Order Form	3		5	
		Frame Application Screen: Implement Details Page	5		5	
		Authentication: Login Page	5		5	
		Add Favicon in App	1		1	
		Deployment of the Application to a free Infrastructure	3		3	
		Switch from card view to event list view in the List all facilities page	2		2	
5	Backend optimizations and authentication					
		Define product vision	-		-	

AMOS P1 - Planning Document

Mid-Project Release plan

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
		Define product mission	-		-	
		Create Build Process Video	2		0	
		Rename "work orders" to "cases" throughout the application	2		0	
		Show selected facility on the right side of the work orders form page	3		0	
		Implement Work Order view	3		0	
		Back button for headers from details to facility overview	2		0	
		Implement Case CRUD operations	8		0	
		Implement Mock Server for IOT Timeseries API in NestJS	8		0	
		Make charts bigger in details page	1		0	
6	Integrating Backend and Frontend					
		Connect Frontend to Backend	8		0	
		Error handling in backend	5		0	
		Case Crud operations frontend	8		0	
		Display information box for facilities in details page	3		0	
		Make charts show multiple data in Y axis	3		0	
		Refactor headlines of webpages	3		0	
		Connect IoT service to local service	8		0	
		Description of the product on homepage, Fill about and legal information	2		0	
		Write user, (technical) design, and build/deploy documentation	2		0	
		, , , , , , , , , , , , , , , , , , , ,				

AMOS P1 - Planning Document Final Project Release plan

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release	8					
T-4-1			000	000		
Total			292	292		
Sprints						
Орини						
1	Research and team organization		0	292	0	292
2	Fundamental setup and definition of resources		18	292	27	292
3	Frame application screens skeleton		25	274	30	265
4	Frame application screens refinement		22	249	24	
5	Backend optimizations and authentication		29	227	29	211
6	Integrating Backend and Frontend		30		28	182
7	System Refactoring and Error Handling		23		27	154
8	Connecting to Insights Hub APIs		36	145	53	127
9	Final UI Enhancements and Database Management		24		28	74
10	Testing and Pre-Deployment Preparations		15		14	
11	State Management and User Login		36		37	
12	Preparations for Demo Day and documentation		34	34	0	-5
Feature	9S 					
1	Research and team organization					
	3	Design and upload team logo	-		-	
		Create T-shirt mockup	-		-	
		Research of fundamentals	-		-	
2	Fundamental setup and definition of resources					
		Software architecture document	5		5	
		Fill in the bill od materials	2		2	
		Github Pipelines	2		5	
		Nx Setup	3		5	
		Config based service implementation in Angular	3		5	
		Config service for NEST	3		5	
3	Frame application screens skeleton					
		Build process review	3		3	
		Automate release process	5		5	
		Frame Application Screen: Homepage (Facilities with errors)	3		5	
		Frame Application Screen: Facilities Overview	3		2	
		Navigation/Routing	3		5	
		Set up Tailwind	2		2	
		Setting up Prisma	3		3	
		Frame Application Screen: Order Form	3		5	
4	Frame application screens refinement					
		Automate the bill of materials	3		3	
		Frame Application Screen: Order Form	3		5	
		Frame Application Screen: Implement Details Page	5		5	

AMOS P1 - Planning Document Final Project Release plan

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
		Authentication: Login Page	5		5	
		Add Favicon in App	1		1	
		Deployment of the Application to a free Infrastructure	3		3	
		Switch from card view to event list view in the List all facilities page	2		2	
5	Backend optimizations and authentication					
		Define product vision	-		######################################	
		Define product mission	-		-	
		Create Build Process Video	2		2	
		Rename "work orders" to "cases" throughout the application	2		2	
		Show selected facility on the right side of the work orders form page	3		3	
		Implement Work Order view	3		3	
		Back button for headers from details to facility overview	2		1	
		Implement Case CRUD operations	8		8	
		Implement Mock Server for IOT Timeseries API in NestJS	8		8	
		Make charts bigger in details page	1		2	
6	Integrating Backend and Frontend	mante sharte sigger in actains page			- 2 2 3 3 3 1 1 8 8 8 2 2 8 8 3 3 3 5 5 2 1 1 3 3 1 1 2 2 3 3 1 3 2 2	
	mograming Duckeria and Frenchia	Connect Frontend to Backend	8		8	
		Display information box for facilities in details page	3			
		Make charts show multiple data in Y axis	3			
		Refactor headlines of webpages	3		-	
		Connect Siemens API to the IoT service	5			
		Maintenance of architecture overview	5			
		Signal handling workshop	1			
		Write user, (technical) design, and build/deploy documentation	2			
7	System Refactoring and Error Handling	write user, (technical) design, and build/deploy documentation			<u> </u>	
,	System Relactoring and Error Handling	Adjust data collected in the cases form	3		2	
		Support: Assist in BE and FE integration	1			
		Workshop: Database Seeding	1			
		Error handling in backend	5			
			8			
		Case CRUD Operations Frontend	2			
		Description of the product on homepage, Fill about and legal information				
^	On an anti-market bank at the ADI-	Cases Details Page	3		3	
8	Connecting to Insights Hub APIs	XX 1 1 1 '11'				
		Workshop at siemens building	-		-	
		Prepare for Demo App presentation at siemens building	-			
		Connect IoT service to local service	8			
		Refactoring time series API	3		3	
		Update readme.md to procide entry point to the project	3		3	
		Show actual pump data on the charts in details page	3		3	
		Service-like feature for FE pages of facilities to BE	5		5	
		Content: Cases screen	3		8	
		Connect cases details page to backend	5		8	
		Validation of selection boxes in Orders form	3		5	
		Husky fix, Docker build	1		3	
		Integrate swagger open api	2		2	

AMOS P1 - Planning Document Final Project Release plan

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
9	Final UI Enhancements and Database Management					
		Add troubleshooting section to the wiki	2		2	
		Label Components properly in Create Case Page with CSS	2		1	
		Add filter to facilities page and thus delete facilities with issues page	3		3	
		Failing Tests on develop	1		1	
		Seeding the database	1		1	
		Function implementation: manage and update pump state	5		8	
		Add filter options for the cases page	3		3	
		Set the attributes for the cases	2		1	
		Implement case update / delete	5		8	
10	Testing and Pre-Deployment Preparations					
		Refactor/ bug fix frontend	3		3	
		Refresh button on all pages	3		2	
		Provide feedback for Industry Partner on Siemens iX	2		2	
		Testing form submission/security	3		3	
		Navbar: homepage icon and link	1		1	
		Enable Theme switching	3		3	
11	State Management and User Login	•				
		Create demo day slide	-		-	
		Create demo day video	5		5	
		State Management in frontend	3		3	
		Connect cases to facility API	5		8	
		Improve order filter design/usability	5		5	
		Adjust facilities Information box	3		3	
		Streamline the create cases process	3		2	
		State Management Login	5		5	
		Refactor Case Details Page: Optimize and Reduce CSS Code	2		1	
		Add pump metrics inside facility details page	5		5	
12	Preparations for Demo Day and documentation					
	•	Finalize user, (technical) design, and build/deploy documentation	3		0	
		Refactor: Polish frontend code	3		0	
		Add EmptyState if there are no cases/facilities	2		0	
		Automatic Addition of 'Modified by' Field in Cases	2		0	
		Configuration offline/online mode	8		0	
		Write tests for frontend	3		0	
		Add cases of facility to Frontend	2		0	
		Adjust timestamps	3		0	
		IP Requirement: Blog Post for project experience	5		0	
		Rename Facilities and adjust mocked Cases	3		0	

AMOS P1 - Planning Document Definition of Done

#	Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done
	A Feature is done when all acceptance criteria are met.	A Sprint Release is done when the Features awaiting review meet their individual DoD and AC.	The Project Release is done when there are no more fixes left to be done in the code.
	A Feature is done when its code has been reviewed and merged into the primary development branch.	A Sprint Release is done when all team members agree for its publishing.	The Project Release is done when it is building and running successfully on all the desired environments and machines.
	A Feature is done when its unit/integration tests are passing.	A Sprint Release is done when the project is not outputting or displaying any errors.	The Project Release is done when the team members agree that the related documentation is comprehensive enough.
	A Feature is done when the related pipeline is building successfully.	A Sprint Release is done when the pipeline running after its last commit on the primary development branch completes without errors.	The Project Release is done when all stakeholders, including the Industry Partner, approve of the release state.

AMOS P1 - Planning Document Documentation

Type Github-Wiki	Link / reference
Github-Wiki	https://github.com/amosproj/amos2024ss01-xcelerator-demo-app/wiki

# Cantrol	News	Manian	Linner	P. Carrier
## Content 1 Invarience 2 Invarience 2 Invarience 3 Invarience 4 Invarience 5 Invarience 5 Invarience 6 Invarience 6 Invarience 6 Invarience 7 Inva	Name angular inmations angular inmations angular inmations angular inmations angular inmation angular inmations angular inmation angu	-17.3.0	Lecense MIT License MIT Licens	
2 frontend	angular/common	-17.3.0	MIT License	
3 frontend	angular/compiler	-17.3.0	MIT License	
4 frontend	angular/core	~17.3.0	MIT License	
6 frontend	angularitorms	~17.3.0	MIT License	
7 frontend	angular/platform-browser-dynamic	-17.3.0	MIT License	
8 frontend	angular/router	~17.3.0	MIT License	
9 frontend	faker-js/faker	^8.4.1	MIT-license	
10 frontend	nestjs/common	^10.0.2	MIT-license	
12 frontend	nestisione	^10.0.3	MIT-license	
13 frontend	nestjs/platform-express	^10.0.2	MIT-license	
14 frontend	nestjs/swagger	^7.3.1	MIT	
15 frontend	prisma/client	^5.13.0	Apache-2.0	
16 frontend	siemens/tx	*2.2.1	MIT	Complete 6 200 Spream AC
18 frontend	siemens/ix-echarts	^2.2.0	MIT	Addytigs to Acceptantia Mid
19 frontend	siemens/ix-icons	^2.1.0	MIT	
20 frontend	axios	^1.6.8	MIT License	Copyright (c) 2014-present Matt Zabrinske & Collaborators
21 frontend	class-transformer	10.5.1	MIT	
23 frontend	davis	^1 11 11	MIT	
24 frontend	dotenv	^16.4.5	BSD 2-Clause "Simplified" License	Copyright (c) 2015, Scott Motte
25 frontend	echarts	^5.5.0	Apache-2.0	
26 frontend	lodash	^4.17.21	MIT License	Copyright JS Foundation and other contributors https://lip.com/attion/
27 frontend	ngx-echarts	^17.2.0	MIT The DestroyCOL Linears	
29 frontend	reflect-metadata	10.1.13	Apache License 2.0	
30 frontend	nais	-7.8.0	Apache License 2.0	
31 frontend	ts-enum-util	4.1.0	MIT License	
32 frontend	tsib	^2.3.0	BSD Zero Clause License	https://gitub.com/microsoft/st/Debjob/min-LUCENSE.txt
34 devDependencies	angular devkit/huild-angular	-17.3.6	MIT License	
35 devDependencies	angular-devkit/core	~17.3.6	MIT License	
36 devDependencies	angular-devkit/schematics	~17.3.6	MIT License	
37 devDependencies	angular-eslint/eslint-plugin	~17.3.0	MIT License	
39 devDependencies 39 devDependencies	angular estint/estint-plugin-template	~17.3.0 ~17.3.0	MIT License	
40 devDependencies	angular/cli	-17.3.6	MIT License	
41 devDependencies	angular/compiler-cli	~17.3.6	MIT License	
42 devDependencies	angular/language-service	-17.3.6	MIT License	
43 devDependencies	committeetin conventional	^19.3.0	MIT	
45 devDependencies	committint/config-nx-scopes	^19.2.2	MIT	
46 devDependencies	nestjs/axios	13.0.2	MIT	
47 devDependencies	nestjs/schematics	^10.1.1	MIT-license	
48 devDependencies	nestjs/testing	^10.3.8	MIT-license	
50 devDependencies	nvidevkit	18.3.4	MIT-license	
51 devDependencies	nx/eslint	18.3.4	MIT-license	
52 devDependencies	nx/eslint-plugin	18.3.4	MIT-license	
53 devDependencies	nxijest	18.3.4	MIT-license	
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56 devDependencies	nxinode	18.3.4	MIT-license	
57 devDependencies	nx/playwright	18.3.4	MIT-license	
58 devDependencies	nx/plugin	^18.3.4	MIT	
59 devDependencies	nx/web	18.3.4	MIT-license	
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63 devDependencies	schematics/angular	~17.3.6	MIT License	
64 devDependencies	stylistic/eslint-plugin-js	^2.0.0	MIT	
65 devDependencies	swo-node/register	~1.9.0	MIT License	
67 devDependencies	swithelners	-0.5.11	Anache License 2.0	
68 devDependencies	types/jest	^29.5.12	MIT license	
69 devDependencies	types/lodash	^4.17.1	MIT	
70 devDependencies	types/node	20.12.7	MIT license	
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73 devDependencies	esint esimpaisei	8.56.0	MIT License	times agrinos contrigendo tre transportes de mentinocontantes. Carlo de la filia del filia de la filia del filia de la filia del filia de la filia de la filia de la filia de la filia del filia de la filia de la filia de la filia del filia de la filia de la filia de la filia del fil
74 devDependencies	estint-config-prettier	9.1.0	MIT	
75 devDependencies	estint-config-stylelint	^21.0.0	MIT	
76 devDependencies	eslint-plugin-playwright	^1.6.0	MIT License	
77 devDependencies 78 devDependencies	esint-plugin-preuer esint-olugin-simple-import-sort	^12.1.0	MIT	
79 devDependencies	estint-plugin-unused-imports	^3.1.0	MIT	
80 devDependencies	husky	^9.0.11	MIT	
81 devDependencies	jest	^29.7.0	MIT License	
83 devDependencies	jest-environment.node	129.7.0	MIT License	
84 devDependencies	jest-preset-angular	-14.0.3	MIT License	
85 devDependencies	lint-staged	^15.2.2	MIT	
85 devDependencies	nx	18.3.4	MIT License	
88 devDependencies	prisma	^5.2.5 ^5.13.0	Apache-2.0	
89 devDependencies	stylelint	^16.4.0	MIT	
90 devDependencies	stylelint-config-recess-order	^5.0.1	ISC	https://ien.wikipedia.com/wiki/SC (Icense
91 devDependencies	stylelint-config-standard	^36.0.0	MIT	
93 devDependencies	tailwindoss	13.1.0	MIT	
94 devDependencies	ts-jest	^29.1.2	MIT License	
95 devDependencies	ts-node	10.9.2	MIT License	
95 devDependencies	typescript	~5.4.5 ^5.91.0	Apache License 2.0	
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AMOS P1 - Planning Document Planning Poker

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Lorenz	Alexander	1	1100	0!	
Rajjo	Lama				
Sternberg	Ingo	1	0	No size	
Betancourt Barrita	Cecilia		1	Trivial size	
Heisterberg	Jonas	2	2	Small size	
Krug	Maximilian	2	3	Medium size	
Nasir	Shahraz		5	Large size	
Schmidt	Patrick	3	8	Very large size	
Schmidt	David	2	13	Too large (size)	
Bojanić	Saša	2			
How to play planning poker					
Everyone type their number in	nto their value field, don't hit return ye	et			
2. Someone, perhaps a product	owner, count down 3 2 1				
3. Then, everyone hit return to s	ubmit their value				