AMOS P2 - Planning Document Project Data

Project Name	International Data Space Station
Online team meeting	https://fau.zoom-x.de/j/64245120479
Production system (Private)	https://github.com/projectamoscd/flux
Test system (if any)	(none yet)
GitHub repository	https://github.com/amosproj/amos2024ss02-international-dataspace-station
GitHub feature board	https://github.com/orgs/amosproj/projects/60
GitHub impediments backlog	https://github.com/orgs/amosproj/projects/59
Team T-shirt (black) (women)	https://www.shirtinator.co.uk/s/3Wt7FEo7RM23NZZT4qwLfw
Team T-shirt (black) (men)	https://www.shirtinator.co.uk/s/3WAORhs4QQ63NQPrUpa0tQ
Additional materials	https://github.com/projectamoscd
Team maling list	oss-amos-proj2@lists.fau.de
AMOS Happy	https://happy-amos.appspot.com/Project?project=5875167674761216&course=6219429234868224

AMOS P2 - Planning Document Project Team

Last Name	First Name	GitHub User Name	Email Address
Zhang	Jin	jinzhangfau	jin.zhang@fau.de
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Frieß	Tobias	Freeze-FF	tobias.friess@fau.de

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Role Assignments

	Meeting Day	Product Owners	Software Developer	Release Manager	Scrum Master	Comment
1	2024-04-17	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	N/A	Tobias Frieß	
2	2024-04-24	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Xemena Wysokinska	Jin Zhang	
3	2024-05-01	N/A	N/A	N/A	N/A	
4	2024-05-08	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Sezim Kanatova	Jin Zhang	
5	2024-05-15	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Ekaterina Ivanishcheva	Jin Zhang	
6	2024-05-22	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Daniel Kurtz	Jin Zhang	
7	2024-05-29	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Esra Cosgun	Jin Zhang	Mid-term due
8	2024-06-05	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Xemena Wysokinska	Jin Zhang	
9	2024-06-12	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Sezim Kanatova	Jin Zhang	
10	2024-06-19	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Ekaterina Ivanishcheva	Jin Zhang	
11	2024-06-26	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Daniel Kurtz	Jin Zhang	
12	2024-07-03	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Esra Cosgun	Jin Zhang	
13	2024-07-10	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Xemena Wysokinska	Jin Zhang	
14	2024-07-17	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Sezim Kanatova	Jin Zhang	Demo day!
15	2024-07-24	Timo Kröcker & Matthew Jason Sanyoto	Everyone else	Ekaterina Ivanishcheva	Jin Zhang	Retrospective
		·				

AMOS P2 - Planning Document Team Contract

Goals	Successful Product, High customer satisfication, Good Teamwork
Meeting norms	Be on time on agreed meetings
Working norms	Transparency, Clear Documentation, Openess, Trust
Coordination norms	Tell the POs if something comes up (organisational/meetings)
Communication norms	Check communication channels daily (WhatsApp, Discord)
Consideration norms	POs: are responsible for the order and relevance of the to be implemented features, SDs: are responsible for the implementation and all technical aspects of the project, SM: is responsible for the organization of the SCRUM
Cont. improvement norms	SDs: we will be having a main branch where the working code from the previous sprints will be located. For the current sprint of branch dev will be created. SDs working on features will create new branches from the dev one: at the end of the sprint these branches will be merged into dev again and after reviewing it finally into main
Rewards	-
Sanctions	-
Signatures	
Scrum Master	Jin Zhang
Product owner	Timo Kröcker
Product owner	Matthew Jason Sanyoto
Software developer	Daniel Kurtz
Software developer	Xemena Wysokinska
Software developer	Sezim Kanatova
Software developer	Esra Cosgun
Software developer	Ekaterina Ivanishcheva
Software developer	Leon Hirschpeck
Software developer	Rameshkumar Rathujan

AMOS P2 - Planning Document Product Goal

Product Vision	Project Mission
With the increase of data exchange between organizations and other independent instances such as finance, legal, healthcare, government, etc the need of ease of data interoperability while still adhering to data usage, policies, and compliance to local legalizations is becoming significant. Dataspace is the envisioned solutions to tackle these challenges.	Explore the feasibiltiy of dataspace usage with regards to data sovereignty. This includes the testing the maturity of dataspace, which components are important and ease of deployment

AMOS P2 - Planning Document Product Glossary

Term	Definition
Data Sovereignity	The collecting and processing of data should be subjected to the laws of the country of which the data are being generated.
Dataspace	Data ecosystem that is built upon commonly agreed policies
(EDC) Connector	Entry port to the dataspace as well as means to exchange data
Metadata Broker	
Catalog	
Policy	
Contract	

AMOS P2 - Planning Document Sprint Goals

Sprint #	Sprint goal
1	Understanding the concept of Dataspace and it's components
2	Run samples of EDC Connector (Team 1) and Gaia-X framework samples (Team 2)
3	Build the Kubernetes pipeline for automatic deployment in collaboration with DATEV
4	Start establising frontend framework early
5	Continue with the frontend framework and make the application user friendly
6	Prepare for mid-project release
7	Documentation & refactoring
8	Decentralising the connector
9	Creating web frontend for each connector, and start transfering the data
10	
11	
12	
13	
14	
15	

AMOS P2 - Planning Document

Mid-Project Release plan

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release	9					
Total			88	88		
Sprints						
1	Understanding the concept of Dataspace and it's components		10	88	10	88
2	Run samples of EDC Connector (Team 1) and Gaia-X framework samples (Team 2)		13	78	13	78
3	Build the Kubernetes pipeline for automatic deployment in collaboration with DATEV		16	65	12	65
4	Start establising frontend framework early		8	49	13	
5	Continue with the frontend framework and make the application user friendly		15	41	15	
6	Prepare for mid-project release		26	26	26	25
	Sum					
Feature	us					
1	Understanding the concept of Dataspace and it's components					
•	Gain understanding of Gaia-X		5		5	
	Research connector concepts and the EDC connector repository		5		5	
	Duranting of FDO Comments (Town 4) and Only Mifraguesia annulus (Town 9)					
2	Run samples of EDC Connector (Team 1) and Gaia-X framework samples (Team 2)		8		8	
	Eun EDC connector samples Gain more understanding of Gaia-X		5		5	
3	Build the Kubernetes pipeline for automatic deployment in collaboration with DATEV					
	Create two connector instances		3		3	
	Transfer data on localhost		5		3	
	Create docker image output		5		3	
	Create documentation for the localhost connection process		3		3	
4	Start establising frontend framework early					
	Establish a frontend framework		8		13	
5	Continue with the frontend framework and make the application user friendly					
	Establish a frontend framework		8		13	
	Create build process video		2		2	
	Create a button in the frontend which runs the CLI automatically		5			
6	Prepare for mid-project release					
	Create a fuctioning button to establish a two-connector-connection		5		3	
	Open three ports for three connectors		2		2	
	Create UI design for login page		3		3	
	Create UI design for connector		5		5	
	Create UI frontend of the connector page		5		5	
	Create / Update the Dockerfile		3		5	

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Mid-Project Release plan

				Est.		Real
Sprint	Goal	Feature Name	Est. Size	Remaining	Real Size	Remaining
	Test connector configurations		1		1	
	Response - bug fix		2		2	

AMOS P2 - Planning Document Final Project Release plan

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Releas	9					
Total			129	129		
Sprints						
			10	100		400
1	Understanding the concept of Dataspace and it's components		10		10 13	
2	Run samples of EDC Connector (Team 1) and Gaia-X framework samples (Team 2) Build the Kubernetes pipeline for automatic deployment in collaboration with DATEV		13 16		13	
4	Start establising frontend framework early		8		13	
5	Continue with the frontend framework and make the application user friendly		15		15	
6	Prepare for mid-project release		26		26	-
7	Documentation & refactoring		9		9	
8	Decentralising the connector		6		10	
9	Creating web frontend for each connector, and start transfering the data		26		0	
10	g at the			0		21
11				0		21
12				0		21
Feature	is					
1	Understanding the concept of Dataspace and it's components					
	Gain understanding of Gaia-X		5		5	
	Research connector concepts and the EDC connector repository		5		5	
2	Run samples of EDC Connector (Team 1) and Gaia-X framework samples (Team 2)					
	Eun EDC connector samples		8		8	
	Gain more understanding of Gaia-X		5		5	
3	Build the Kubernetes pipeline for automatic deployment in collaboration with DATEV					
-	Create two connector instances		3		3	
	Transfer data on localhost		5		3	
	Create docker image output		5		3	
	Create documentation for the localhost connection process		3		3	
4	Start establising frontend framework early					
	Establish a frontend framework		8		13	
5	Continue with the frontend framework and make the application user friendly					
	Establish a frontend framework		8		13	
	Create build process video		2		2	
	Create a button in the frontend which runs the CLI automatically		5			
6	Prepare for mid-project release					
	Create a fuctioning button to establish a two-connector-connection		5		3	
	Open three ports for three connectors		2		2	
	Create UI design for login page		3		3	
	Create UI design for connector		5		5	

AMOS P2 - Planning Document

Final Project Release plan

				Eat		Real
Sprint	Cool	Feature Name	Eat Sina	Est. Remaining	Bool Cine	
Spriiit		reature name				
	Create UI frontend of the connector page		5		5	
	Create / Update the Dockerfile		3		5	
	Test connector configurations		1		1	
	Response - bug fix		2		2	
7	Documentation & refactoring					
	Create build documentation		1		1	
	Create design documentation		3		2	
	Create user documentation		1		2	
	Create user uccumentation		3		3	
	Bugfix: connector status checking					
	Refactor & delete unused branches		1		1	
8	Decentralising the connector, creating web frontend for each connector, and start transfering the data					
	Bugfix: "Execute command"-button		3	:	5	
	Uploadable files in the UI		3		5	
9	Creating web frontend for each connector, and start transfering the data					
-	Create Identity hub		5			
	Bugfix: Cloud UI accessibility		3			
	Dugina. Gloud Of accessibility					
	Text file transfer between connectors		5			
	Enable auxiliary communication between roles		3			
	Create web frontend for the bank connector		3			
	Create web frontend for tax advisor and company		2			
	Update docker file to accomodate three seperate web frontends		2	:		
	Check feasibility of establishing a connection with object storage		3			
	, , , , , , , , , , , , , , , , , , , ,					

AMOS P2 - Planning Document Final Project Release plan

Sprint	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
				_		

AMOS P2 - Planning Document Documentation

Type GitHub DATEV repo	Link / reference
GitHub DATEV repo	https://github.com/projectamoscd

AMOS P2 - Planning Document Definition of Done

#	Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done
	Product Owners approved of the features	There is no major regression compared to previous release	Same as sprint release
	Software Developers agree to release the features	All Software Developers agree to release	Relevant features have been documented and put into the wiki
	All acceptance criteria need to be met	Release Manager set the tag to release	Bugs should be kept as minimal as possible
	Pull request has been reviewed, approved, and merged into the main branch	Application should be able to be executed	

AMOS P2 - Planning Document

Bill of Materials

#	Context	Name	Version	License	Comment
1	org.eclipse.edc	EDC Connector	0.6.3	Apache-2.0	
2	Docker	Docker	26.1.4	Apache-2.0	
3	Gradle	Gradle	8.7.0	Apache-2.0	
4	@heroicons/react	JSON Package	2.1.3	JSON license	
	axios	JSON Package	1.7.2	JSON license	
6	clsx	JSON Package	2.1.1	JSON license	
7	express	JSON Package	4.19.2	JSON license	
	js-cookie	JSON Package	3.0.5	JSON license	
9	net	JSON Package	1.0.2	JSON license	
10	next	JSON Package	14.2.3	JSON license	
11	react	JSON Package	18.0.0	JSON license	
12	react-dom	JSON Package	4.7.5	JSON license	
13	socket.io:	JSON Package			

AMOS P2 - Planning Document Planning Poker

Last Name	First Name	Value				
Kurtz	Daniel					
Kanatova	Sezim			3.00	OK	
Cosgun	Esra	3				
Wysokinska	Xemena	3				
Ivanishcheva	Ekaterina			0	No size	
				1	Trivial size	
				2	Small size	
				3	Medium size	
				5	Large size	
				8	Very large size	
				13	Too large (size)	
How to play planning poker						
Everyone type their number in	nto 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 s	ubmit their value					