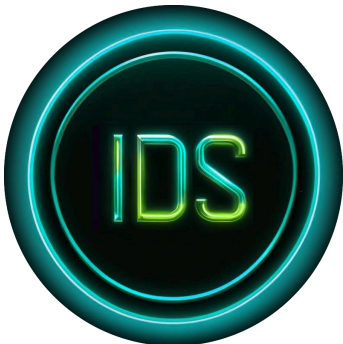
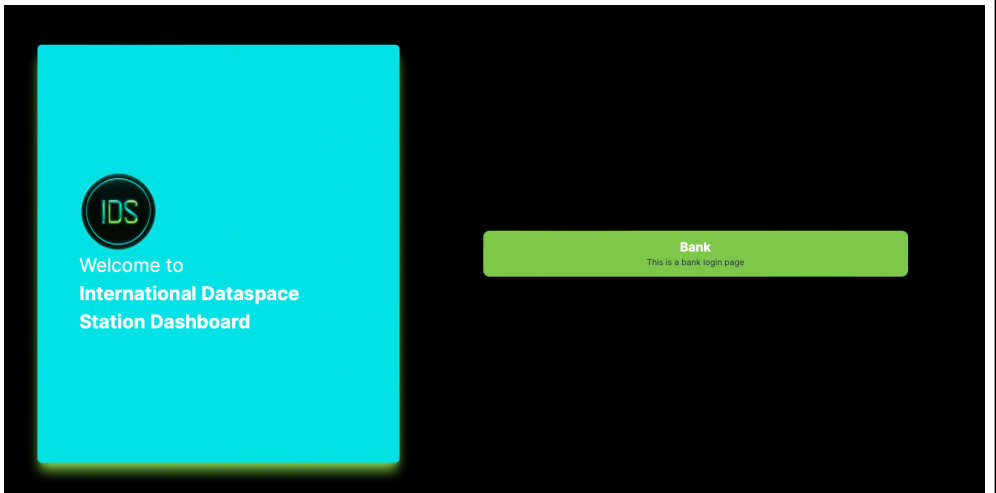


AMOS SS2024 Project 2

International Dataspace Station

Project name	International Dataspace Station
Project mission	Explore the feasibility of dataspace usage with regards to data sovereignty. This includes testing the maturity of dataspace, which components are important and ease of deployment.
Industry partner	DATEV
Team logo	
Project summary	<p>In many B2B relationships there is a lot of data exchange between different domains, but the owner of said data might be very sensitive about sharing it. As such, an infrastructure or data ecosystem based on trust ensuring data sovereignty is necessary (the owner of the data can decide who gets access, how long, how often etc.).</p> <p>The solution is an open source component, called a connector. A connector is an independent node within a network of connectors, which is then called a dataspace. One connector is linked to exactly one user and negotiates contracts and terms of agreements on data exchange, both as a consumer and as a provider. For this project, we used the Eclipse Dataspace Connector (EDC) for its popularity. Our team was able to extend the feature of the existing connector by implementing a user-friendly UI that could perform the necessary steps for a connector to exchange data with other connectors. In cooperation with our industry partner, we managed to deploy the project into the cloud with some demo samples.</p>
Project illustration	

	<div><div><div><div>IDSInternational Dataspace Station Dashboard</div><div>Home</div><div>Upload</div><div>Download</div></div><div><div>IDSInternational Dataspace Station Dashboard</div><div>BANK</div><div>Hi, bank!</div><div><div>Refresh</div><div>Connector is running!</div><div>Database is running!</div></div></div></div><div><div><div>IDSInternational Dataspace Station Dashboard</div><div>BANK</div><div>Hi, bank!</div><div><div>Upload File</div><div>Create Policy</div></div><table><tr><th>TITLE</th><th>NAME</th><th>SIZE</th><th>DATE</th><th>AUTHOR</th><th>CONTENT TYPE</th><th>NEGOTIATED</th><th>OFFERED</th><th>ACTIONS</th></tr><tr><td>Credit Offer</td><td>Credit Offer.txt</td><td>2.02 KB</td><td>2024-07-17</td><td>bank</td><td>text/plain</td><td>0</td><td></td><td> </td></tr><tr><td>Acceptance Form</td><td>Acceptance Form.txt</td><td>1.9 KB</td><td>2024-07-17</td><td>bank</td><td>text/plain</td><td>1</td><td></td><td> </td></tr><tr><td>Conditions</td><td>Terms and Conditions.txt</td><td>3.08 KB</td><td>2024-07-17</td><td>bank</td><td>text/plain</td><td>2</td><td></td><td> </td></tr></table></div></div><div><div><div>IDSInternational Dataspace Station Dashboard</div><div>COMPANY</div><div>Hi, company!</div><div><div>Bank</div><div></div></div><div><div>Catalog Offers</div><div>Negotiated Contracts</div></div><table><tr><th>TITLE</th><th>NAME</th><th>SIZE</th><th>DATE</th><th>AUTHOR</th><th>CONTENT TYPE</th><th>ACTIONS</th></tr><tr><td>Credit Offer</td><td>Credit Offer.txt</td><td>2.02 KB</td><td>2024-07-17</td><td>bank</td><td>text/plain</td><td><div>NEGOTIATE</div></td></tr><tr><td>Conditions</td><td>Terms and Conditions.txt</td><td>3.08 KB</td><td>2024-07-17</td><td>bank</td><td>text/plain</td><td><div>NEGOTIATED</div></td></tr></table></div></div><div><div><div>IDSInternational Dataspace Station Dashboard</div><div>COMPANY</div><div>Hi, company!</div><div><div>Bank</div><div></div></div><div><div>Catalog Offers</div><div>Negotiated Contracts</div></div><table><tr><th>TITLE</th><th>NAME</th><th>SIZE</th><th>DATE</th><th>AUTHOR</th><th>CONTENT TYPE</th><th>ACTIONS</th></tr><tr><td>Acceptance Form</td><td>Acceptance Form.txt</td><td>1.9 KB</td><td>2024-07-17</td><td>bank</td><td>text/plain</td><td><div>DOWNLOAD</div></td></tr><tr><td>Conditions</td><td>Terms and Conditions.txt</td><td>3.08 KB</td><td>2024-07-17</td><td>bank</td><td>text/plain</td><td><div>DOWNLOAD</div></td></tr></table></div></div></div>	TITLE	NAME	SIZE	DATE	AUTHOR	CONTENT TYPE	NEGOTIATED	OFFERED	ACTIONS	Credit Offer	Credit Offer.txt	2.02 KB	2024-07-17	bank	text/plain	0			Acceptance Form	Acceptance Form.txt	1.9 KB	2024-07-17	bank	text/plain	1			Conditions	Terms and Conditions.txt	3.08 KB	2024-07-17	bank	text/plain	2			TITLE	NAME	SIZE	DATE	AUTHOR	CONTENT TYPE	ACTIONS	Credit Offer	Credit Offer.txt	2.02 KB	2024-07-17	bank	text/plain	<div>NEGOTIATE</div>	Conditions	Terms and Conditions.txt	3.08 KB	2024-07-17	bank	text/plain	<div>NEGOTIATED</div>	TITLE	NAME	SIZE	DATE	AUTHOR	CONTENT TYPE	ACTIONS	Acceptance Form	Acceptance Form.txt	1.9 KB	2024-07-17	bank	text/plain	<div>DOWNLOAD</div>	Conditions	Terms and Conditions.txt	3.08 KB	2024-07-17	bank	text/plain	<div>DOWNLOAD</div>
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Team photo																																																																															
Project repository	https://github.com/amosproj/amos2024ss02-international-dataspace-station																																																																														