


# AMOS WS23/24 Project 4 - Data Pipeline and Storage Management

Project name	Data Pipeline and Storage Management
Project mission	The mission of the Data Pipeline and Storage Management project is to develop a cloud-native pipelining service that enables the analysis and management of project data. This involves storing raw data in a storage bucket, managing data pipeline requests, and providing a frontend for users to upload and access data for analysis. The project focuses on creating a system that facilitates efficient data handling and insight extraction, all within a cloud-based infrastructure
Industry partner	IAV GMBH
Team logo	
Project summary	We have successfully completed the mission of developing a cloud-native pipelining service to facilitate the analysis and management of project data. The end-to-end service encompasses a robust storage system for raw data, an efficient management interface for data pipeline requests, and a user-friendly frontend for uploading and analysing data. This achievement marks a significant milestone in streamlining project data handling and analytics, providing a solid foundation for future advancements and utilisation.

Project illustration	<p>The project illustration shows three screenshots of the DPSM web application. The top screenshot is the 'Welcome to DPSM!' page, which includes a logo and a brief description of the application. The bottom left screenshot shows the 'Data Assets' page, which displays a table of data assets. The bottom right screenshot shows the 'Start Pipeline' page, which displays a table of data assets and a 'Start Pipeline' button.</p>
Team photo	
Project repository	<a href="https://github.com/amosproj/amos2023ws04-pipeline-manager">amosproj/amos2023ws04-pipeline-manager (github.com)</a>
Additional information	Any additional information you would like to provide (optional)