

## About Dedalus

Dedalus Group is the leading healthcare and diagnostic software provider in Europe and one of the largest in the world. With its innovative framework of comprehensive and process-oriented solutions, Dedalus Group enables a revolutionary Digital Transformation of country-wide Healthcare Systems fully supporting the Patient Digital Journey. Dedalus serves more than 5,000 private and public hospitals across 30 countries, through more 3,400 highly specialized resources, of which 1100 dedicated to R&D activities.

The patient and the person, as complex individual with several needs, is the end point of the Group's activities and the ultimate beneficiary: for this reason, we are aware and very proud of doing a «special job».

Life flows through our software, is our motto.

## Project Description

Dedalus, as part of the OneErp project, is transforming the entire internal technological infrastructure to adopt the Microsoft Dynamics suite. The ambitious corporate project is to integrate each company of the group within the Microsoft Dynamics365 suite. One of the activities foreseen in the project roadmap is that of migration. In fact, it will be necessary to identify the data of interest in the legacy systems of the group companies, transform them and load them into Microsoft Dynamics 365 F&O. The group companies have different legacy systems (SAP, Sage, totally custom legacy systems). The migration activity must be structured so that it is repeatable, testable and iterative.

## Role description

Your role will be to actively participate in the creation of an ETL program that takes care of extracting, transforming, loading data into Microsoft Dynamics 365 F&O (target system). The required activity will not only be the technical writing of the code, but it is also required to participate in data and process analysis sessions with internal and external Dedalus consultants. You will have to understand the data structure of the legacy systems and the target system. Technically the ETL will be a C# program with a simple interface. The ETL will have to connect to the legacy systems, retrieve and transform the data to be sent to the target system in real time. The resource will also be involved in simple developments on Microsoft Dynamics 365 F&O in collaboration with the internal development team. The project will be conducted fully remote.

## Desired profile

- Studying computer science
- Basic understanding of Databases - SQL
- C# knowledge
- Basic GIT knowledge – how to code with a team



## Timeline

The project follows a predefined structure with six fixed phases over a duration of three months:

- **Phase 1: Familiarization (1 weeks)**  
Introduction and overview of the topic and problem area.
- **Phase 2: Analysis of legacy systems (3 week)**  
Analysis of legacy systems with the help of external and internal consultants to understand which data needs to be migrated.  
Answers, for example, to the following questions:  
What datasets are needed? How can they be collected & aggregated?  
Which approaches and models will be implemented?  
Which will be implemented first?
- **Phase 3: Development & Dataset Building (5 weeks)**  
Iterative phase with fast prototyping and focus on different approaches. Implementation of the developed concepts.  
Deliverables after phase 3: code, documentation.  
Developments on Microsoft Dynamics 365 F&O platform in X++. These are simple developments to familiarize yourself with the platform (modifications to the form to show fields desired by the user, or debugging).
- **Phase 4; Deployment (1 weeks)**  
Deployment of the developed solutions from phase 3. The developed application will reside in Dedalus internal server.
- **Phase 5: Optimization (1 week)**  
Optimization of performance and deployment of the optimized solution.
- **Phase 6: Documentation & Report (1 weeks)**  
Finalization of the project by writing the final report, finishing the documentation of phases 3, 4, and 5
- **Presentation:** Final presentation to conclude the IDP

## Contact

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