



The Portal for International Association Services

Case study

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The customer

International Association Services (IAS) is a daughter company of the ISIC Association organization, which is the official issuer of international ID cards ISIC, which grant their holders a wide variety of bonuses in culture, entertainment, sports, travelling and other areas.

IAS is seated in Amsterdam, Netherlands, and it is responsible for management and supervision of all processes that are connected with ISIC cards, used by over 4.5 million students, teachers and young people in more than 120 countries.

Requirements

IAS wanted us to create an environment that would connect all the tools that are necessary for everyday work of all regional members of ISIC Association. The emphasis was therefore put on easy integration with existing applications and the possibility to add further extension tools.

Apart from an efficient and user-friendly solution, the client demanded a platform for sharing information and a communication tool for individual members of the ISIC community and partner organizations as well.

Solution and Project

Based on a detailed analysis, Orchitech Solutions suggested the realization of an integrated portal, which would best fit the requirements of IAS.

The open-source portal solution Liferay was chosen as the most suitable platform; the development itself utilized the agile technique SCRUM, with which Orchitech has great experience.

The whole project took six weeks (two sprints) to finish, and its realization was divided into several parts:

- **Analysis and design**
 - Definition of functionality requirements
 - Designing the portal's Architecture
 - Designing the portal's structure and graphics
- **Contents and customization**
 - Software installation and configuration
 - Liferay customization
 - Creation of portlets for additional functionalities
- **Systems integration**
 - Integration with the identity management system (Organization Manager)
 - Connection to the social network Twitter
- **Testing**
- **Operation and support**

Results and Contributions

The project of the integrated portal for IAS was delivered on time, at the agreed-upon cost and quality, in accordance with the so-called Project Management Triangle.

The client was fully satisfied and makes use of all the project's contributions:

- An open-source portal product with a community of around 250,000 users
- A simple and user-friendly system
- A platform that integrates all necessary tools while preserving existing authorizations
- A module-based, easy-to-expand solution, open to further integration
- A uniform storage space for the community's information and know-how
- An efficient communication tool
- The foundation for a future internal social network

Summary of the Project

Realization	Development and testing: June - July 2011 Launch: 9 August 2011
Database	PostgreSQL
Portal solution	Liferay community edition v 6.0 CE <ul style="list-style-type: none"> • Open source • JSR₃ standards
Users	900 users registered in the identity management system