

Money Markets Development Data Collection and Analysis Platform

We have helped create a web-based application, which is used for a comparative analysis of money market development in emerging and frontier market economies.

About the client

OGResearch is a Czech company founded in 2005. The company specializes in consulting in the field of economics and finance, as well as in the development of analytical tools for large financial organizations and international financial institutions.

Challenge

Among OGResearch's clients are Development Financial Institutions. The company conducts money market research for them. Questionnaires in Excel format are sent to the largest financial organizations in researched countries, which are filled out by their employees and sent back, where the data is processed and analyzed manually.

The process was associated with various problems. This format was not effective because many errors occurred during filling in tables and information processing. Besides, there was a risk of losing valuable data while sending and storing files. The concept had to be reconsidered in the format of a web platform with a convenient and clear interface.

To create such a platform, OGResearch needed strong front-end developers. Sibedge experts were requested to join the project, as we have extensive experience in interface design and successfully develop software for large financial organizations.



Industry

Financial technologies

Location

Czech Republic

Key points

- We have carefully studied the subject area of the project.
- We have accurately estimated the time and cost of development.
- We have automated data collection and processing.

Team

Project Manager — 1
Front-end developer — 1
QA engineer — 1
Analyst — 1
Designer — 1

Duration

3 months

Technologies

Angular, Java

Approach

Communication with client was based on the following principles:



Quick Start



Transparency
of process



One-Hour
Response



Scalability



High level of trust

Discovery Phase

The development started with a two-week Discovery Phase, during which the Sibedge analyst delved into the subject area, studied the business tasks, decomposed the work, evaluated the project, and agreed on the budget and deadlines with the customer.

Development

The backend component was developed by OGRsearch experts, and our experts were involved in the development of the frontend. We have developed a unique design of the questionnaire, designed a web form to be filled out by employees of financial organizations and pages with the results of analysis of the received data, which would include graphs and statistical calculations. We should also highlight the interface for operators. It helps OGRsearch experts check conflicting responses in the questionnaire and correct obvious inaccuracies and typos that cannot be detected automatically. This allows the company to save a lot of time. All data is now stored in the cloud, which prevents the possibility of loss or accidental deletion.

Team and technologies

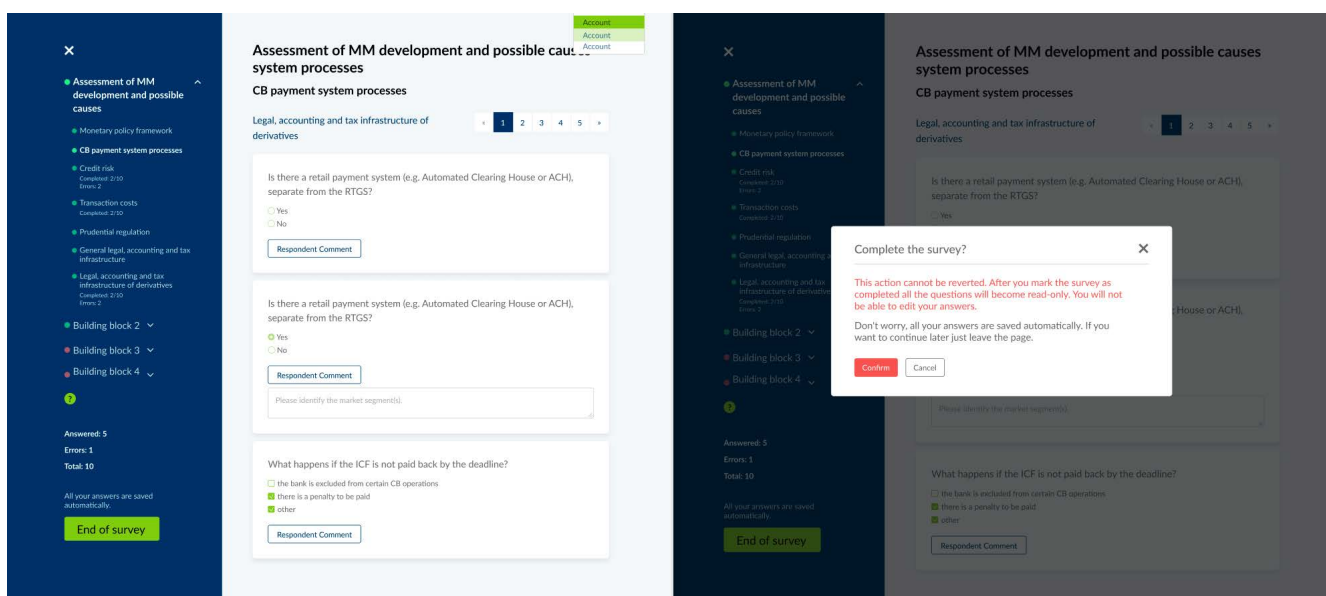
We also tested the system and created detailed technical documentation for the operation of the web platform. A team of five people worked on the project for three months. The Angular platform was chosen as the core technology

Result

Thanks to our analysts' precise assessment, the project was completed without exceeding the budget and deadlines. The main benefits of the web platform we created:

- Data delivery efficiency increase.
- User-friendly interface.
- Automated data collection and processing.
- Built-in analytics.
- Protection against data loss.

The customer was satisfied with Sibedge's work and our ability in frontend development. The project manager's and analyst's work were also highly appreciated. The analyst quickly understood the details of a complex system and clearly explained everything in the documentation, and the project manager carefully controlled the team's work, set clear goals for them and monitored their implementation.



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