

Soagen Technology

Soagen, based off Ankara, Turkey, provides software solutions and services for corporates and large-scale projects.

About Soagen

Soagen develops software with Java Technologies for corporate and large-scale projects. Soagen solves customers' problems with the experience of Corporate Memory Management, Integration and Interoperability that we put into our products. We also contribute to customers' digital transformation with our professional Training and Consultancy services.

Keikai x Soagen

We use Keikai in a large enterprise resource management software for a corporation. We started this project 3 years ago and implemented all required modules including: trade and finance, human resources, purchase and production and technical work processes. It took 2 years to complete the project and the maintenance has continued for 1 year already. Currently there are 1,300 end users with different roles using this application.

In the project we use Java 8, Spring, Hibernate, JSF, PrimeFaces along with Keikai Spreadsheet. Keikai is mainly used for the finance module. Resource-wise, there were 3 senior Java developers, 1 junior developer, 1 analyst from our team and 2 analysts from the customer involving in the project.

Why Keikai

The challenge of this project was the unplanned Cost Module which the client wanted to add, without extra funding, before closing the project. The cost module involves Excel files consist of more than 20 sheets with many complex tables and cross-referenced formulas

"Using Keikai, it took us only 1 week to embed the client's Excel files into the application"

and the client wanted this to be included in the resource management software.

We were totally shocked when we first got this requirement 😞. If we do this from scratch with JSF textboxes and other input components, the project will take at least 3 months longer. While we were searching for a solution we found Keikai spreadsheet which saved our lives 😊. It took us approximately 1 week only to embed the client's Excel files into the application.

The Best of Keikai

Since our expertise is Java, Keikai has been a good fit. We were able to control Keikai with Java easily – we first populate values from the database and fill them into Keikai sheets. Then, we set some specific areas to read-only, and leave some parts for registered users to edit and update according to their roles and requirements – everything done in Java without having to write JavaScript.

The client was happy that we were able to include this feature in the project in such a short time. The business users love the embedded Keikai spreadsheet in the application because they can write/change formulas within the software directly in the same spreadsheet way they are familiar with.

About Keikai

Keikai Spreadsheet is a modern & fast Ajax web spreadsheet component that brings Excel functionalities into your web application.

Keikai is powered by [ZK Framework](#). ZK is the leading enterprise Java Web framework with more than 2,000,000 downloads. ZK is deployed by a large number of Fortune Global 500 companies, including Barclays, Swiss RE, Deutsche Bank and more, providing them with the ability to rapidly create rich enterprise web applications in Java.

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