

Implementing a dynamic Design System for Swiss accounting services

A Swiss accounting service specialist transformed their static designs into a dynamic Design System, enabling faster development and easy prototyping to effortlessly expand their solutions.

BUSINESS NEED

The company offers a complete solution for small to medium organisations for managing their business, including issuing invoices, client relationship management, and general accounting needs.

It is already a leading solution in Switzerland and, as such, is counted on by countless customers to meet challenging needs. As such, they wanted to update their solution with the latest tech trends, moving away from an outdated monolith. They wanted the means to freely expand, scale, and adapt, so they could always improve their service to reflect the changing business world.

While the company already had great design and UX capabilities within the organisation, however, they wanted a means to make the most of effective use of these specialists. Static design files meant that designers were wasting time manually implementing frequently used features after every new design or update.

To help speed up this process, a Design System would enable greater development. By quickly applying brand-approved designs onto the projects, the organisation could more quickly create new solutions that had the same intuitive interface and style that their clients have come to expect.

PROJECT DETAILS

The company already had strong and clear design guidelines in place, as had already planned to update their aesthetic. These design principles were transferred into Storybook, becoming a centralised location for all graphic assets. This could also be updated easily.

Because their products are always live and can't be switched off, it was decided to embed new solutions in these existing systems, module by module. This meant that the new design library was seamlessly implemented into older systems without any compromise or downtime for their customers.

Continuous Integration support was also added to this solution. New versions of Storybook's designs can be readily deployed to the frontend, providing consistent updates without asking specialists to do the work manually.

Finally, a simple testing tool was created to allow developers to test new components without deploying to the live solution. This testing ensured any new elements didn't break or conflict with existing features in a safe environment. When the company deploys new assets, they are completely assured that it is safe to do so and won't impact the final client experience.

BUSINESS BENEFITS

Where UX specialists would previously implement designs by hand, the company now has access to faster tools that allowed their teams to do more in shorter periods of time. All of this enabled the final product to be better adapted and expanded for user needs.

- As both development and design timeframes are faster, products can be created more rapidly
- Storybook is now in place to ensure new designs adhere to existing guidelines, ensuring consistent design and UX for clients
- When any team solves a problem or updates an element, it can be instantly adapted through every service
- A shared library ensures designers, developers and product owners alike can ensure each product is to the highest quality
- Reusable assets enables faster prototyping, delivering updates and features faster than ever

TECHNICAL DETAILS

SOLUTIONS

Continuous Integration, Design System Implementation

TECHNOLOGIES

Angular 6/7

TOOLS

Storybook, Jenkins, Karma, Jasmine

TEAM

6 Frontend Developers

ABOUT THE CLIENT

The company is one of the leading providers for accounting and business management software services in Switzerland. Their Cloud-based software provides a singular, simple, and fast solution for financial processes, such as payroll, accounting, order processing, and bookkeeping. Founded in 2013, the organisation has over 20,000 clients today.

ABOUT PGS SOFTWARE

PGS Software is one of the largest public listed custom software & services providers in Poland. As an AWS Advanced Consulting Partner, we specialise in Cloud projects – consulting, cloud-native development, application modernisation, & migration. Working according to agile methodologies (Scrum, DevOps, & Continuous Delivery), we create mobile & web applications as well as provide Business Analysis, Visual Design, UX, UI, & QA services to Clients worldwide. We have development & business entities in Poland, UK, Germany, & Spain.



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