

Sage: Getting the Look and Feel Right Every Time with Carbon React

Creating and maintaining a component library to keep a consistent UX across Sage products and platforms, and establish a user-friendly and recognizable design of different digital HR products.



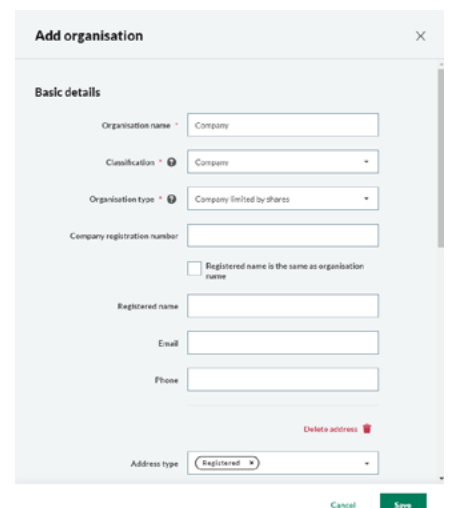
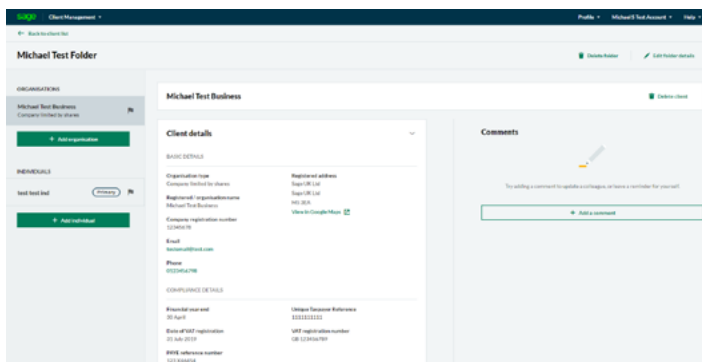
🎯 BUSINESS NEED

Sage supports entrepreneurs worldwide with integrated accounting, payroll and payment systems. Their solutions are quick, user friendly and available on every device and platform, offering clients the freedom to work with mobility.

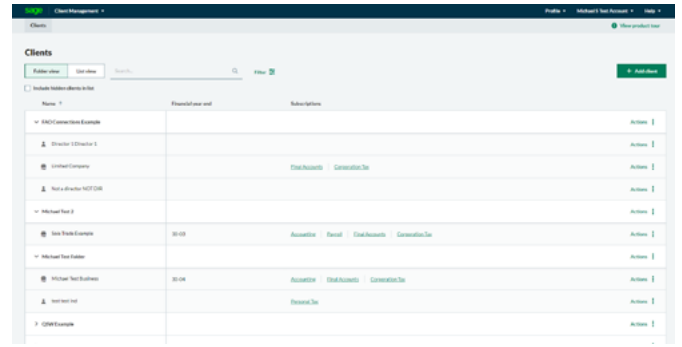
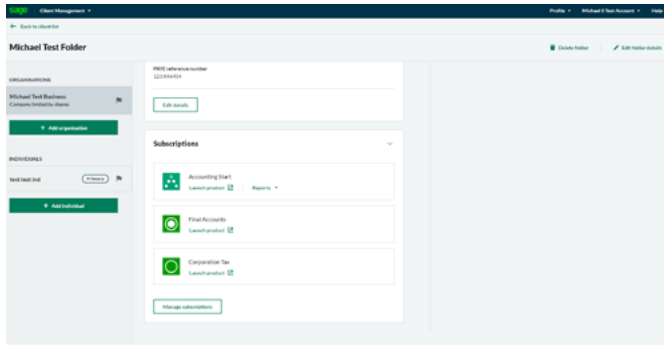
To maintain a consistent look and feel on all platforms and reduce the time needed to build and design new apps, Sage created the component library Carbon React. They needed Frontend experts who don't only know React but are also experienced in implementing Design Systems - which is where the specifications and rules for the component library are created.

💡 THE SOLUTION

Carbon React is being used in several Sage projects, such as their Small Business Segment apps, Sage Accounting Plus, Client Management, Payroll, Quick Start Wizard, Sage200 and more. It's also open source and helps thousands of developers create their own apps.



Made with Carbon for the Client Management app



React components are now being developed and refined for the Carbon library, with an underlying Design System defining rules and specifications. The Carbon team works as one coherent unit, including PGS Software and Sage developers, speeding up release times, improving processes to release features and fixes, and shortening test cycles through increased QA automation.

” **PGS Software have greatly helped Sage build cloud software for Small Businesses and Accountants to collaborate online and help them run their businesses. We work closely together in designing, building, and testing so that our customers are happy with the experience of using our cloud products.**



Paul Regnart — Engineering Manager at Sage

PROJECT DETAILS

PGS Software and Sage work together remotely as one coherent team, using Kanban and other agile working methodologies. Carbon was written in React and is continuously updated to the latest Tech and Design System developments, which PGS Software experts are helping with as well. Carbon’s code is being migrated to TypeScript to provide for a better documentation throughout, and an increasingly automated Quality Assurance process (using Cypress) significantly speeds up test cycles.



SOLUTIONS

Continuous Integration, Continuous Delivery, Continuous Deployment, Amazon S3

TECHNOLOGIES

React, Styled Components, Cypress, TypeScript, Enzyme converted to RTL, gherkin

TOOLS

Chromatic, AXE, Code Sandbox, Semantic Release, Storybook, Github, jscodeshift

TEAM

Combined Team of 13 Frontend devs and testers

ABOUT THE CLIENT

Sage is the global market leader for technology that provides small and medium businesses with the visibility, flexibility and efficiency to manage finances, operations and people. Trusted by millions of customers worldwide, Sage delivers top-notch cloud technology and support, making them an important SaaS player in the HR management sector with an annual revenue of GBP 1.8 bn in 2021.

ABOUT PGS SOFTWARE

PGS Software supports customers worldwide with tailor-made IT solutions. Part of the Xebia Group, we offer expertise and services in cloud computing, design and data science – including business analysis, optical and UX/UI design and quality assurance.



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