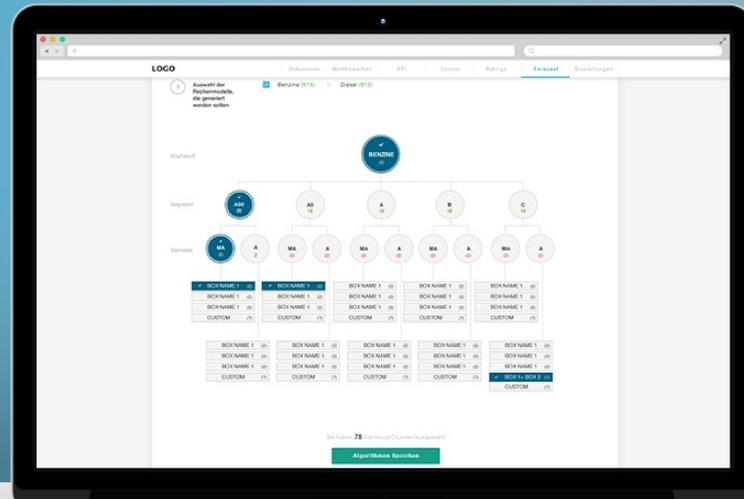




Green KPI - a sustainable success story

Case Study



CHALLENGE

Our customer is one of the world's leading automobile manufacturers. Its brands and its range of products in various vehicle segments are represented globally. Our client is engaged in comprehensive R&D activities to develop and optimize environmentally friendly vehicles. In order to support and simplify the development of sustainable vehicles, Autorun was assigned to develop a web-based application. This app enables the customer to predict the performance of the vehicles in different eco-tests. The software includes features to calculate the environmental impact of the vehicle, taking into account different aspects such as CO2, pollutants or alternative powertrain systems, and compares them with selected competitors. In addition, the application accompanies the entire product development process: the software is used to set and track targets and offers the possibility to evaluate defined measures and their effectiveness. By linking the modules, opportunities and risks for individual vehicles can be identified and specifically addressed with regard to environmentally friendly aspects. The sustainable development of the vehicles thus enables the customer to always be one step ahead of the competition.

SOLUTION

Autorun was commissioned for the conception, planning and development of the software. A team consisting of UX designers, software architects, front-end and back-end developers as well as a project manager and a SCRUM master created a proof of concept together with the client at the beginning of the project. Subsequently, the development followed agile methodologies of SCRUM to incorporate regular client feedback. The result is a user-centric software that supports and simplifies the customer's work. The technologies used include Spring, Hibernate, J2ee, Angular and Oracle.

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PROJECT OVERVIEW

COUNTRY

Germany

INDUSTRY

Automotive

TIME PERIOD

2015 - 2016

SOFTWARE

Web-App

TEAM

Project Manager, UX Designer
Architekten, FE/ BE Dev, SCRUM Master

TECHNOLOGIES

Spring, Hibernate, J2ee, Angular,
Oracle