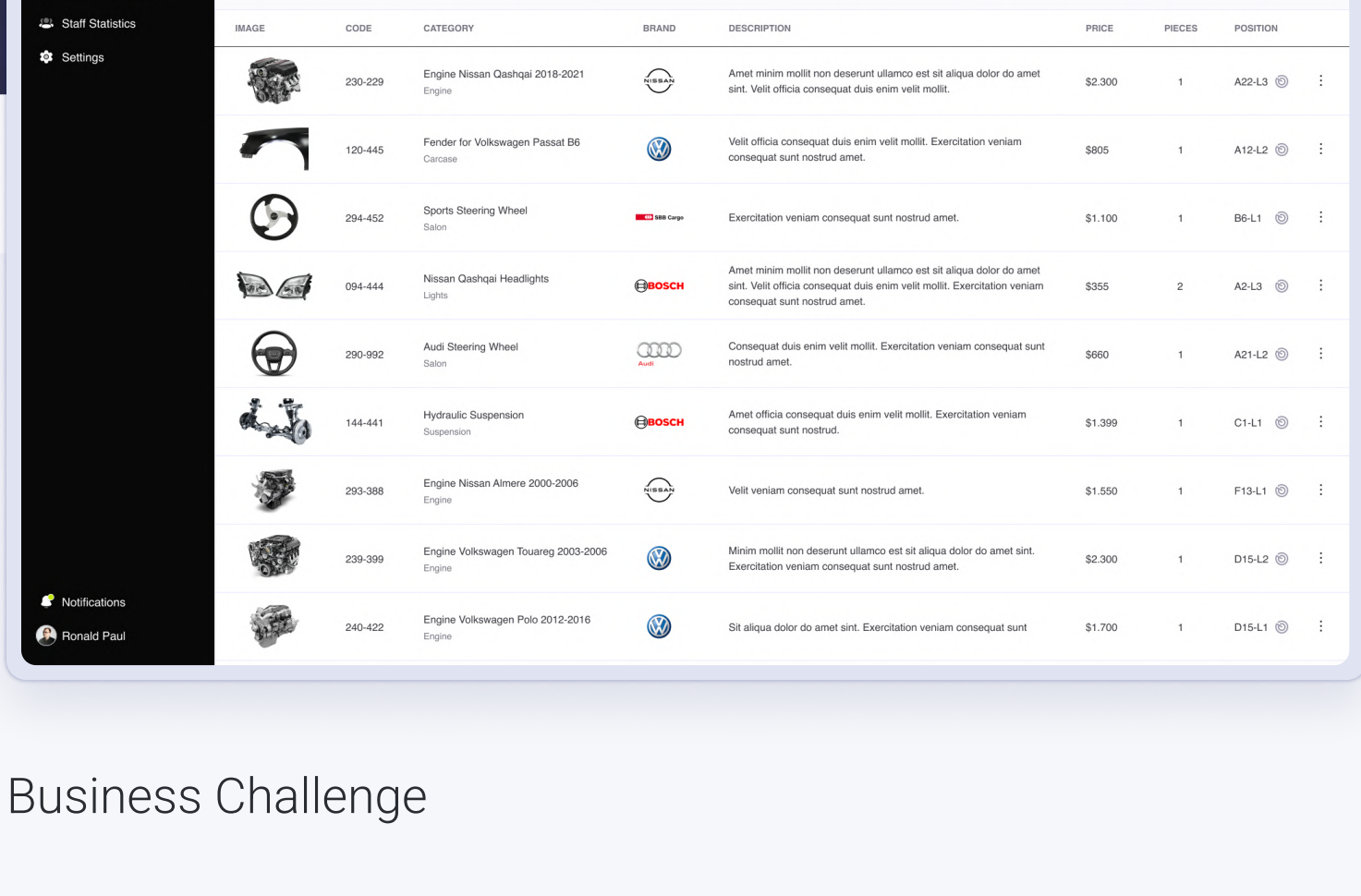


## A System for Efficient Car Service Scheduling and Warehouse Management

A software tool for car service companies with a focus on efficient warehouse management. This comprehensive solution includes a wide variety of apps allowing the automation of a vast number of daily tasks. Company management can schedule vehicle services, monitor the availability of car components in warehouses, assess the overall performance of employees, and much more.



## Business Challenge

The success of a car services company doesn't wholly depend on the ability of your auto mechanics to bring a dead vehicle back to life. Dozens of subsurface routine activities that stay invisible to a client can make a significant difference and determine your success in the market. The absence of required car components in your warehouse and your inability to get them in a short time can become a factor that will force your client to choose another company. Therefore, a comprehensive software solution for warehouse management, service scheduling, and assessment of the productivity of applied business practices can be an excellent addition to your team of qualified specialists.

Our development team was asked to design and build a software system that would allow our client to get rid of a wide variety of obsolete applications and start using a centralized solution. The solution should enable employees to schedule vehicle maintenance appointments via an intuitive and easy-to-use online calendar. Particular attention was to be given to the warehouse management system. Another important component was the ability to assess the overall performance of the company, review different KPIs, and get access to productivity indicators for individual employees.

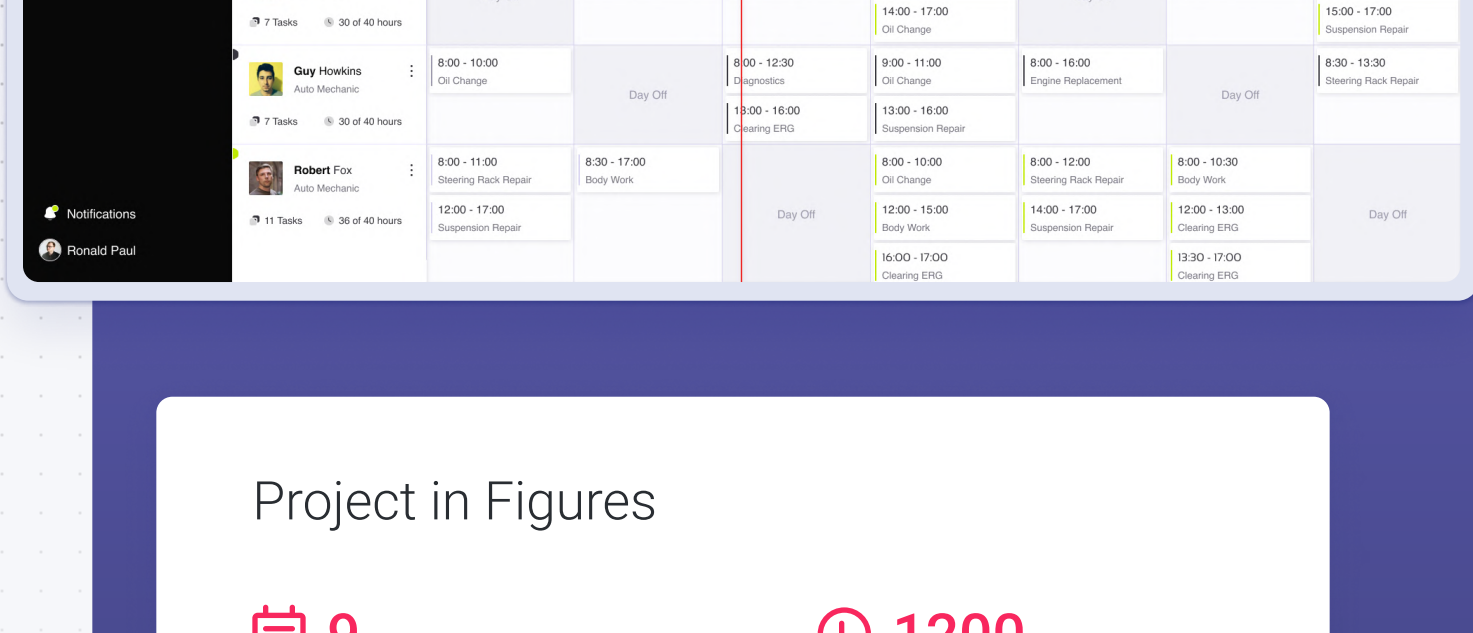
## Solution

XB Software's development team has extensive experience in [ERP applications development](#). Advanced software development methodologies allowed our specialists to build a software system that simplifies dozens of business processes. This easy-to-use system also significantly simplifies **service scheduling**. Company management can use an intuitive online calendar to assign vehicle maintenance for a specific day. Also, this system makes reviewing the list of available specialists and their current schedules simple. Each customer service request from the client contains a brief description of the problems with the vehicle. According to this info, users can decide whether there is a need to replace particular car components, check their availability in the warehouse, and decide what kind of specialist may be required to solve the problem.

An effective **warehouse management system** quickly shows a list of currently available car components. If there's an absence of some components in the company's warehouse, the built-in system will allow purchase of them from the supplier with the best prices. Also, users can configure the warehouse management system and set the number of certain components that must always be in stock. In case the number of particular car components in the warehouse drops below a given amount, the system can automatically send messages to employees via email or mobile notification. Also, users can schedule components procurement and their delivery to the warehouse to automate the whole process.

Besides warehouse management, this software solution helps with assessing the efficiency of the company's staff. For example, it's possible to calculate **overall employee labor productivity**. Also, [built-in data visualization tools](#) allow the calculation and representation of core KPIs in an easy-to-understand way.

The warehouse management system created by our developers can provide users with **useful recommendations**. Employees can add valuable information on practical work issues, repair techniques, and components replacement tips. The system can analyze this info and provide hints helpful for each specific case.



## Project in Figures

9

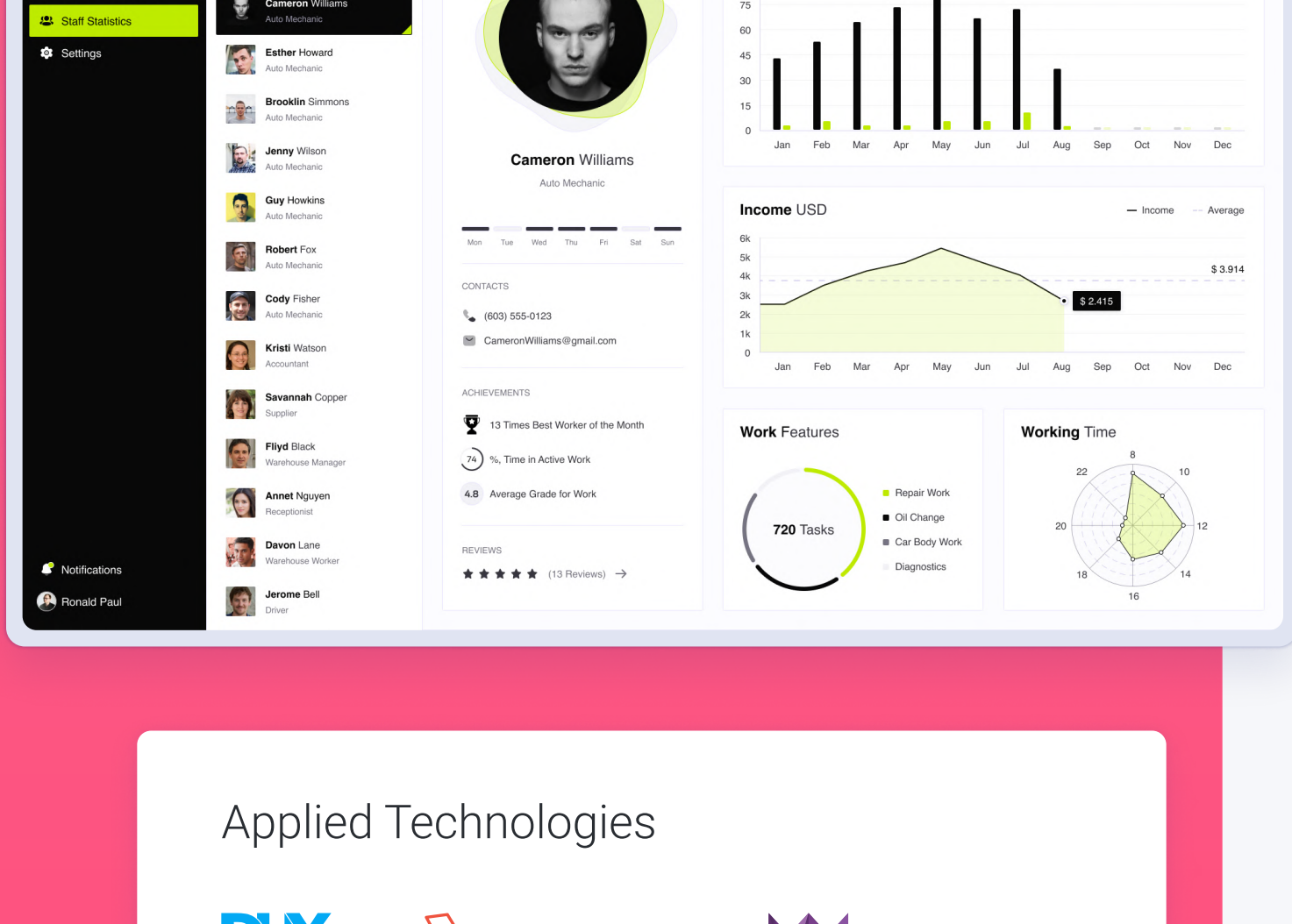
Months

Duration

1200

Estimated

man-hours

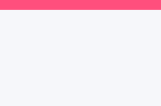


## Applied Technologies

 DHX

 Laravel

 webix

 php

## Our Role in the Client's Success

Our development team has provided a comprehensive solution that can cover the many needs of a car services company. This reliable and easy-to-use [custom scheduling system](#) simplifies the management of customers' requests. The warehouse management system helps to ensure the availability of essential car components. It's possible to calculate overall employee labor productivity and review core KPIs to help assess the efficiency of the business processes involved. The developed warehouse management system allows the company to:

- ✓ simplify service scheduling
- ✓ improve warehouse management and ensure the availability of car components
- ✓ assess company performance with ease

If you want to learn more about warehouse management systems and understand how they can become one of the key components of your business, you can get a [free consultation](#) from our specialists.

## Customer

A sizeable car service company with a large staff team and numerous branches in many EU countries.

Your questions and requests are always welcome!

Visit

<https://xbsoftware.com/>

✉

[sales@xbsoftware.com](mailto:sales@xbsoftware.com)

[Contact Us](#) →