Overview

Country or Region:
United States of America

Customer Profile

Stryker logistics, is one of the fastest growing transportation companies in USA. It is popular because of its fast delivery, transparency, and good service and support.

Business situation

Transportation of any kind of goods, day by day, gets bigger, and demand is bigger. More and more orders, means more paperwork, and slower time of processing of orders, this required change in approach of processing all data.

Solution

Fast and effective software solution, built using Java, Angular JS and MongoDB, which will provide high performance, and fast processing time, with lot of business logic built in.

Benefits

Easy access to application from any type of device, to create, update, delete order, to track status of order, to see availability in warehouses, shortly, to have everything one transporation company needs to work properly.

Warehouse management system enables easy access to products, orders, any related info from one place

Stryker logistics, one of the best transportation services company, is one of the fastest growing companies in USA.

As business was growing up, there was need for increasing productivity, warehouse efficiency, to make everything as simple as possible. Increasing number of users means less paperwork, because everything would be centralised, on one place, transparent, and much easier to access from any place.

Most of services are run on few softwares, and few places, where all documentation is stored. There was need for someone who will build solution, that every info about any operation in company (tracks, orders, products, warehouse info, etc.) is on one place, and that operation goes smooth, without any braking, that there is possibility to create, manage staff, orders from different levels of employee (admin, customer, employee).

Situation

USA as a country is known for very frequent road, where all types of transportation are used, but nearly 70 percent of all freight are transported by road traffic. Lot of transportation orders, means a lot of paperwork, so that required change, to make people more productive, to make orders easier to access for employees, to make orders visible for customers, in general, there was need, to make the whole flow much faster, and more transparent, for anyone who has a touch with it.

Solution

Kodecta as software development service provider had experienced team which designed solution to be fast and effective, mobile friendly, multi role application, which will have few layers, roles, from which application will be accessible.

Admin, as general manager, is possible to see every:
- warehouse (it's state, capacities)
- product (dimensions, weight, numerical condition)
- truck (info about truck, max. load weight, dimensions of truck)
- customer (list of customers, location details, and useful info about them)
- employee (list of employees, info about them)
- order (list of orders, order details)
and to create new, update existing, or delete any of these.

Employee, as other role, has possibility to see:
- products (dimensions, weight, numerical condition)
- orders (list of orders, order details)

Customer, as role, has possibility to see:
- products, which are related to him, and to warehouse in which he is assigned. He is able to create orders, by adding items to cart, where he sees progress of filling the truck, where he has validation by weight and volume, to see if the truck is full or not.

Solution provided would also add notifications, which would be sent by e-mail, on few events, first on account creation, user would get e-mail that account is successfully made, and on creation of each order, user gets e-mail with info about that order.

To get the best experience on the mobile devices, we have adapted application that it is mobile friendly, so every type of device, any operating system, any display size, would fit users needs.

Benefits

Expected results after solution deployed in production were on more sides, less paperwork, transparent, accessible from everywhere, more productive employees, satisfied customers, because they can see every information they need.

Simplicity of application, surely is benefit, because there is no need for learning to use the application, everything is logical, intuitive.
Data which user gets is real time data, so this is very good, for everyone who uses application, because every actualization, update, creation, delete, is at that moment executed in the whole app.

System with multi-employee, multi-customer, multi-truck and multi-warehouse are very good, because on one place, there is a lot of functionalities to cover.