

# Prominent features we created for JYSK

<https://www.jysk.com/>



ABOUT JYSK GROUP JYSK NORDIC JYSK FRANCHISE DÄNISCHES BETTENLAGER LARS LARSEN GROUP



## Welcome to JYSK Group

JYSK is a global retail chain that sells everything for the home. JYSK is owned by founder Lars Larsen, who opened his first JYSK store in Aarhus, Denmark, in 1979.

JYSK Group is formed by the companies JYSK Nordic, JYSK Franchise and DÄNISCHES BETTENLAGER.

In total, the companies have 2,753 stores, 23,000 employees across 52 countries. The turnover in the financial year 17/18 was 3.58 billion euro.

Although JYSK today is a global business, the company is managed based on its Scandinavian roots. This reflects in our company culture and the way we do business.

JYSK has stores in:

Denmark, Norway, Sweden, Finland, Poland, Czech Republic, Hungary, Holland, Slovakia, Germany, Austria, Switzerland, Iceland, Canada, Greenland, the Faroe Islands, Estonia, Latvia, Lithuania, Ukraine, Kosovo, Bulgaria, Kazakhstan, Romania, France, the United Kingdom, Slovenia, North Macedonia, Croatia, Italy, Spain, Bosnia-Herzegovina, Serbia, Indonesia, Armenia, Montenegro, Greece, Singapore, Vietnam, Albania, Malta, Portugal, Georgia, Belarus, Tajikistan, Moldova, Kuwait, Belgium, United Arab Emirates, Thailand, Ireland and Cyprus.

## A domain for each shop

We built a separate domain for each shop, and each of them provides customers with the same capabilities. All domains are on the same Drupal installation. There is a feature to move content between the domains.

## Convenient search with filters

Customers can review the product catalog, choose any product using faceted filters, and purchase them online.

## Click-and-collect feature

The click-and-collect feature lets users check a product's availability and order it in JYSK stores.

## Geolocation

Users are offered to visit the closest store thanks to the geolocation feature.

## Navigation

When the user's location is established, the road to the closest shop is mapped with the help of navigation.

## WSS integration

WSS integration helps use the same commerce system on the site and at the cash desks in JYSK shops. Requests to WSS are sent via Knockout.js.

## Product import

All the product are created in WSS. Products import is provided into Drupal each day.

## Apache Solr search

Apache Solr search engines provides powerful search features without server load. It helps us increase site speed.

## [React.JS](#)

For high speed and real-time features, we introduced React.JS. We render the user's profile, cabinet with order history, and wishlist in React.

### [More website speed optimization](#)

A special attention has been paid to website speed optimization by means of Varnish integration, separate servers, and caching for every page except for the shopping cart.

## [New Relic monitoring](#)

Monitoring of main site's metrics via New Relic service helps to support site functionality at an expected quality and correct defects in time.

## [Gridstack.js](#)

We use gridstack.js jQuery plugin for the banner on the main page and landing pages. It allows to change images parameters to fill the needed space.

## [Automated testing](#)

Efficient website testing is provided via Leapwork test automation platform.

## [Vagrant and Docker](#)

We used Vagrant to quickly prepare a local development environment. However, we are now moving from Vagrant to Docker, for which we created our own build with docker-commander.

## [Flexible payment process](#)

There are flexible payment steps that can be changed for different domains.

## [Postal code autocomplete](#)

The postal code autocomplete feature automatically defines the country, region, and city by postal code.

## [Review system with pre-moderation](#)

Users can leave product reviews when checked by the moderator.

## [Responsive design](#)

The website has responsive design to be perfectly displayed on all devices.

## [Automatic product review translation](#)

Products reviews from different countries are translated via Google translate.

## [Salesforce](#)

Salesforce is used for marketing process automation. We added an online chat where users

can ask questions to the customer service.

## Jenkins

We use Jenkins for continuous integration and are able to test each task on a separate environment.

## Raptor Smart Advisor

We use the Raptor SmartAdvisor service to collect the purchase statistics and then display the blocks with the most popular products.

## LDAP and SSO

Lightweight Directory Access Protocol (LDAP) and SSO are used for synchronization of users between different domains.

## Migration to Drupal 8

We have recently finished JYSK migration from Drupal 7 to Drupal 8. We rewrote the custom modules and migrated all the content to Drupal 8.

# Interesting features of Story-Bat

<https://storybat.com/>



## Story blocks

Each of our stories consists of multiple story blocks (think of it as a post, in classic forum terms).

Every registered user can write a new story block as a sequel to an already existing story block, regardless of its position in the story timeline.

This opens up the possibility to create alternative timelines or make a “Choose Your Own Adventure”-style story.

## Story modes

The system allows for different setups for how a single person or a group of people can write a story.

For the start of the website we will have two modes:

- Classic: One “Walked path” which presents the official story-line.
- Adventure: Multiple path options for the reader where their actions determine the future of the protagonists.

## Walked paths

Since it’s possible to have multiple sequels to one story block, a ranking system is put in place.

Every registered user has the possibility to give “Steps” to the path they like. There is a “Walked path” for the top ranking story blocks.

Other submissions are placed less prominently under “Charted paths.”

## System of roles and permissions

A flexible system of roles and permissions lets users edit and delete content according to their role.

## Notification system

Custom implementation of on-site- and e-mail notifications keep users up-to-date on stories, actions with content, private messages etc.

## Friends

We created the Friends feature that allows users to add and remove each other as friends.

## Languages

Story Bat provides an interface in English and German. The site is set up in a way that allows users to add additional languages to the spectrum.

## Content by language

A user can select the language to see all the content in it. Only the content in that language will be shown to them.

## Breadcrumbs tree

Custom implementation of breadcrumbs allowed us to show relations between content.

## Payments

We implemented integration with PayPal and Stripe payment systems for allowing users to do donations for the website.

## Private messaging

Users are able to communicate with each with the help of private messages.



<https://www.dcoenergy.com/>

The company asked us to create a Drupal 8 website that would showcase their services. The main feature of the site is an interactive map.

We created an interactive map to showcase the company's projects. It shows projects by location, by status (completed or in progress), and by market. By clicking on a location, users can see a list of projects from there. The map marks the locations if any project of the company is added. To implement the interactive map, we used the functional library (<http://leafletjs.com/>).



<https://www.rocketlifeinsurance.com/>

Fex Quotes result module with a redirect function

We created a module that helps users choose the offers from insurance companies that are best for their case.

To achieve this, the module synchronizes the client's input data with a number of third-party services. The processed data is then sent to a third-party service Fex Quotes API.

After that, the client is presented with the most relevant options from insurance companies. This includes the amount of payments, list of insurance cases, terms of insurance, and more. For input data, we created a multi-step form.



<http://www.reno-urbaine.com/fr>

Groupe SP Reno Urbaine is recognized as the leader in residential renovation in Montreal. They contribute to progress in the industry through their innovations and unique working methods.

Groupe SP Reno-Urbaine is specialized in the following remodeling services:

- interior design
- complete remodeling
- kitchen renovation
- bathroom renovation
- basement renovation.

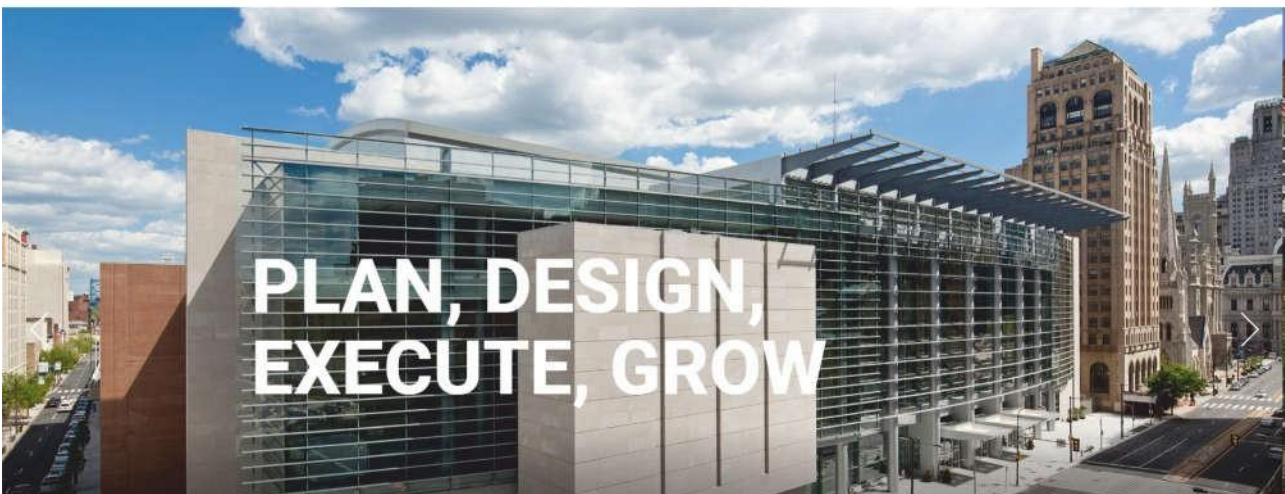
Platform: Drupal 8

Challenge:

The biggest challenge here was to keep the system simple and provide an easy way to edit the content. Another challenge was that we had WP theme and it was a strict rule to do 100% the same theming in Drupal.

Requirements:

It was the first site we built and put to live in Drupal 8.



<http://jingoli.com/>

JINGOLI is a nationally ranked contractor/construction manager with 95 years of experience servicing power, industrial, healthcare, gaming and educational clientele.

The company asked us to create a website describing its services and capabilities, including a list of the company's affiliates and news. It also serves as a portfolio for the construction company. Users are able to observe detailed descriptions of the projects completed by the company.

## Why Drupal was chosen for the project

- The content management system is very handy
- Drupal is freely extensible

## Interactive map (the Portfolio page)

We created an interactive map on the Portfolio page. It shows projects by location, by status (completed or in progress), and by market. By clicking on a location, users can see a list of projects belonging to it. The map marks the locations of any new projects that the company might add. To implement the interactive map, we used the functional library (<http://leafletjs.com/>).

## The About page

This page tells about the company's mission, history, team, awards, and rankings.

## The Capabilities page

This page describes the company's staff, infrastructure, and services in every detail.

## The Values page

The Values pages describes the ways that the company shows its high commitment to safety and health.

## The Affiliates page

The page with the affiliate companies features the company's valued partners.

## The Contacts page

The contacts page features detailed contacts with a map.