

**Specification for the development of CRM-system for the online store kitchen furniture
"Zetta"**

(Appendix to the contract № ____)

Number of sheets: 6

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1. Setting of the problem

The purpose of the website is development of the CRM-system for the online store kitchen furniture Zetta with the ability to view products and add them to the basket. Also there should be the ability on the website to change the user's personal data. There should be administrative part there administrator can register the staff.

2. The service's tasks

- Keeping customer's information in the database service.
- Storage of goods in the database service.

3. Basic ideas

CRM-system should be developed in the Java programming language, using the framework Spring MVC.

3.1. Access control

A groups of users which can access to parts of the service are considered in this section.

Administrator - has administrative rights, access to the back-end CRM-system, full access to all parts of the service.

The staff - has the right to access to the page to work with the database (add items).

The authorized user has access to the home page, the catalogue, personal account pages and information intended for the customers.

An unauthorized user can access to the home page, the catalogue and pages of information designed for the customers.

3.2. CRM-system pages

- Home page of the site with general information about the company. Home page should contain the slider with the samples of installed kitchens of Zetta.
- The login page is the page with the form to enter your login and password. The prototype page is presented in the next section.
- The user registration page is the page with the form input login, password, name, surname and user's email. The prototype page is presented in the next section.
- The product catalogue with the ability to display a specific category of goods. The user can view information about product on new page by clicking on the title of the goods. The prototype page is presented in the next section.
- The page for viewing of certain goods. The page contains all the information about the product and the form for the purchase of goods. The prototype page is presented in the next section.
- Basket products.
- The user's page with the ability to edit your personal information. It is possible to modify the data which you used during the registration. Also, be sure to enter a credit card number, postcode, passport data, date of birthday, gender, your country, city and address for the purchase in the shop.
- Administrator page.
- Staff's page.
- Information Pages.

3.3. Design and layout

Layout will be carried out on the basis of these prototypes in this section.

3.3.1. Home page

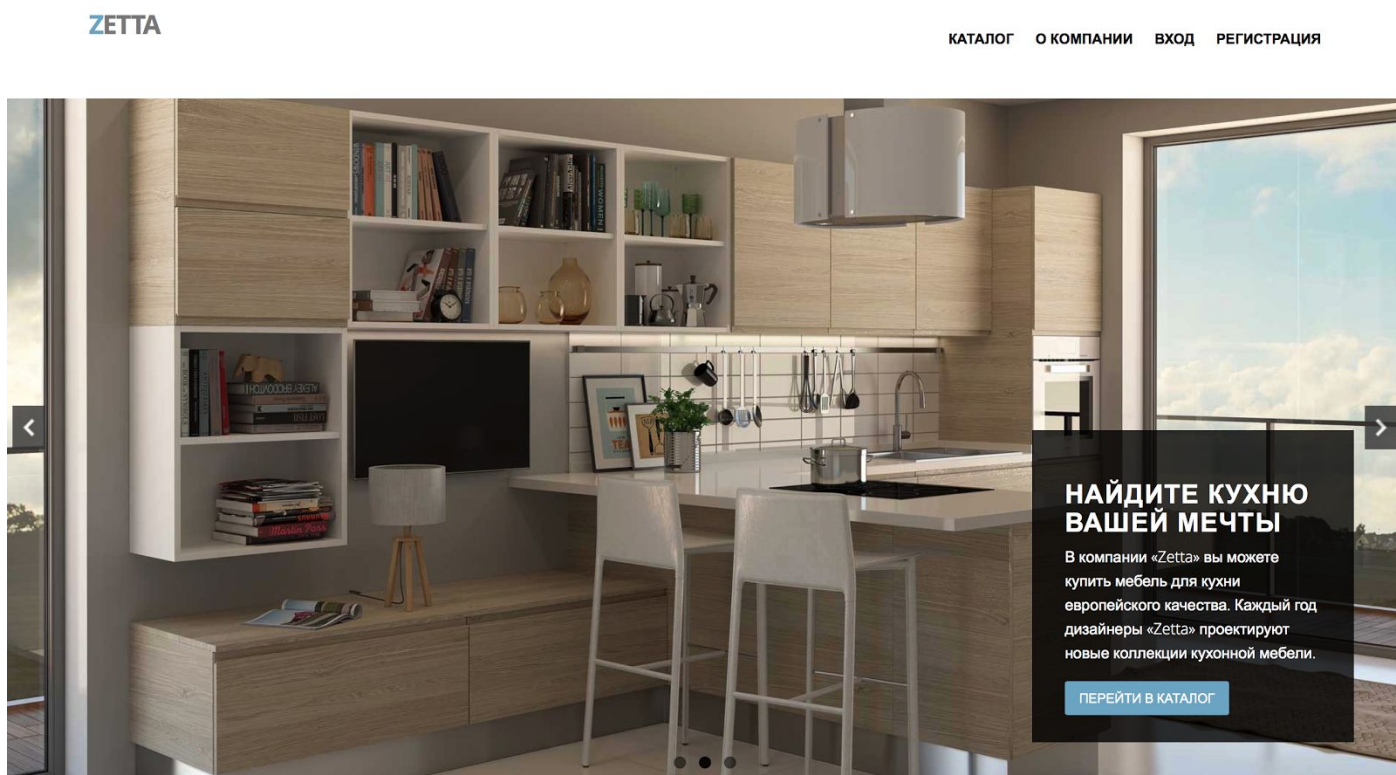


Figure 1. Home page

3.3.2. User login page

Figure 2. Authorization page on the site

Use the framework Spring Security for authorization.

3.3.3. User registration page

ZETTA

КАТАЛОГ О КОМПАНИИ ВХОД РЕГИСТРАЦИЯ

Регистрация

Регистрация

Логин:

Пароль:

Имя:

Фамилия:

Email:

ЗАРЕГИСТРИРОВАТЬСЯ

Figure 3. Registration form

All fields are required to be filled in.

The username must be unique.

The password must have a length from 4 to 20 characters and contain only Latin letters.

There should be email validation. Email should be in the following format: symb_seq@symb_seq.symb_seq, where symb_seq - sequence of any length consisting of Latin characters.

3.3.4. Catalogue

ZETTA

КАТАЛОГ О КОМПАНИИ КОРЗИНА МОЯ СТРАНИЦА ВЫХОД

🏠 / Каталог

Все Напольные шкафы Шкафы для встраиваемой техники Двери Фронтальные панели Высокие шкафы Навесные шкафы Ножки



Метод

Напольн шкаф п-мойку 2 двр/фрн пнл, белый, Рингулт белый

9 000.-/ 1 шт.



Максимера

Напольн шкаф/выдвижн секц/ящик, белый, Сэведаль белый

14 020.-/ 1 шт.



Брокхулт

Напольный шкаф п-мойку с дв/фр пнл, белый

4 970.-/ 1 шт.



Метод / Максимера

Выс шк д/дхвк+двр/2фрнт/2выс ящ, белый

17 050.-/ 1 шт.

There should be the possibility to view all items on one page and to view a specific category of goods. The user can view information about product on new page by clicking on the title of the goods.

3.3.5. Page for viewing of certain goods

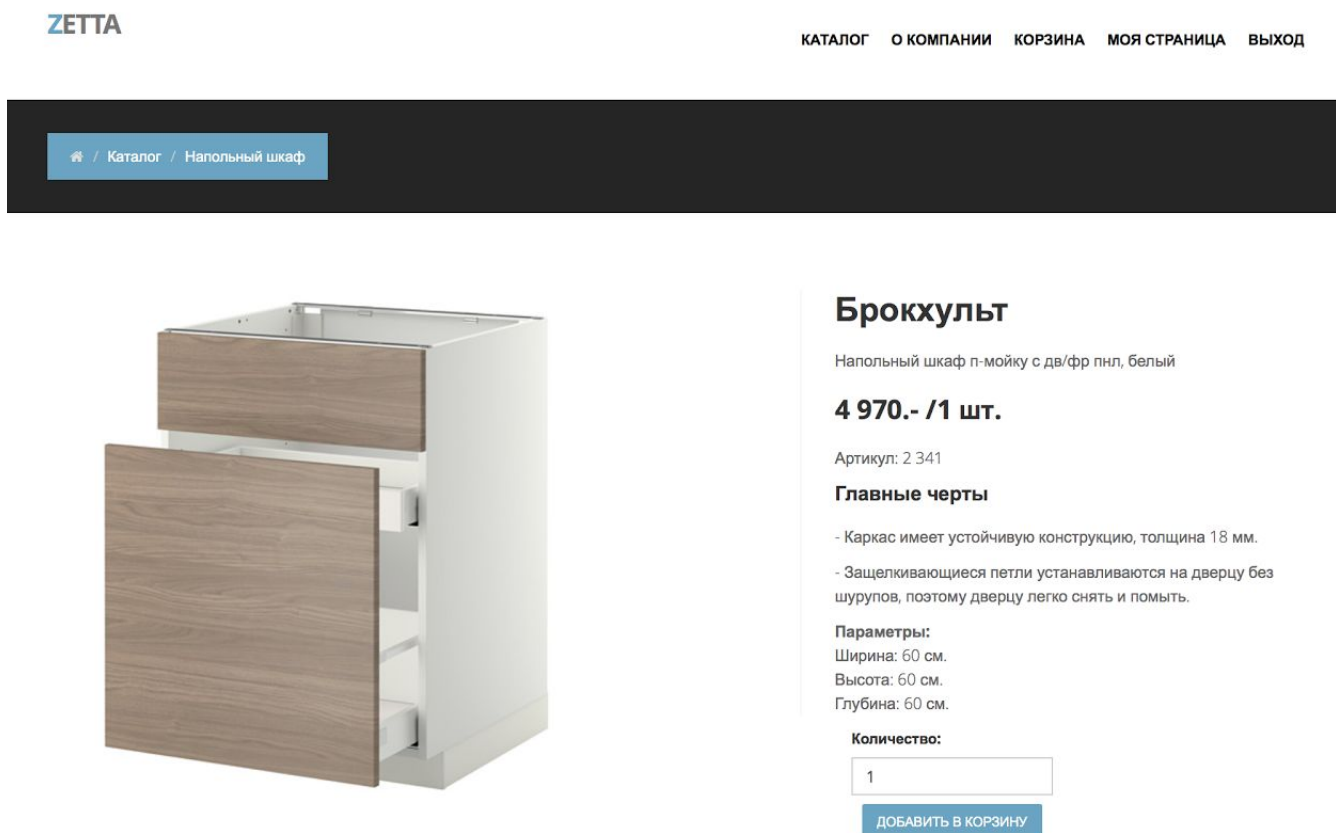


Figure 5. Page for viewing of certain goods

There should be a picture of the goods and all information about it on the product page. There should be a form for the purchase of the goods on the page: the form to enter the number of units and the button "Add to basket". By default, one - the amount of items.

4. Functionality

The site must be able to view the product in the basket, sorted by name, price or article. Ajax must be used for this purpose.

Also, it should be possible to generate a pdf-document with information about online shop Zetta.

5. Additional information

Registration of users (buyers) is carried out by an external registration.

Adding of the staff is provided through the administrative part of the service by administrator.

ORM-frameworks (Spring Data JPA, Hibernate) should be used to work with the database.

During the process of the development of the service it will be at the contractor's server. The service will be moved to the hosting of the contractor, when development will be finished. Domain name is provided by the customer.