***Main functions***

Login panel

*Admin:*

View, add, update, delete category

View, add, update, delete product

View order list

*User:*

Resistration

Product list

Product table with pagination

General guidelines

Development of a website using SpringBoot and ThymeLeaf as the view layer.

Security access to the application and functionalities using SpringSecurity

Basic entities:

**Category**

*Name*

*Parent categories*

**Product**

*Name*

*Thumbnail(url)*

*Category (entity)*

*Price*

*Description*

**OrderLine**

*Product (entity)*

*Quantity of products*

*Product price*

**Order**

*Customer (entity)*

*Total cost*

*Delivery address*

*User address*

*Date of order*

*Order lines (entities)*

*Status (enum)*

**Account**

*User (e-mail)*

*Password*

*City*

*Address*

*Role(entity Admin/user)*

**Role**

*Role name*

**Customer**

*FirstName*

*LastName*

*Account (entity)*

*Phone*

***Functionalities:***

**Admin:**

-adding a new category

- adding categories for products

- delete a category

- modify a category

- modify parent category

-adding a product

- modify a product

- list of all added products with details

- edit the given product

- product search

**User:**

-user registration

-possibility for the user to log in

- possibility for the user to log out

- display products

- product search

- adding product to cart

- display products added to the cart

- option to order products from the cart , reduces the product stock