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KS  
The online supermarket

Individual project

Document Change Record

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| --- | --- | --- |
| Date | Version | Comments |
| 09.09.2020 | 0.1 | Described the idea of the project and sent it to the teacher for review. |
| 18.09.2020 | 1.0 | Initial document. Added the sprint 1 and sprint 2 planning. End of sprint 1. |

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# Idea:

KS is an online shop in which people can order food, drinks, cosmetics, home supplies, etc. People will be able to see the full list of stock in the shop as well as the latest offers. The products in the list will be ordered by categories. Everyone can see the stock but only registered people can order and use their shopping cart. There are 2 ways how to get your order. You can either choose your home address so it can be delivered to your door or you can drive in our pick up point with your order number.

## Technical information:

The supermarket service will be based on Java and hosted in a website. There will be two types of users – “Customers” and “Employees”. Both of them can order. Employees can modify everything in the shop. They will have access to the CRUD functionalities of the products and categories. In the future the user system can be extended with more roles.

# User stories:

* As a user I want to view all the products so that I can order something.
* As a user I want search for a product so that I can find it easily.
* As a user I want to view the current discount offers so that I can save money.
* As a customer I can put products in my shopping cart so that I can easily review what I have got.
* As a customer I can modify my own shopping cart so that I can remove product(s) which I do not want anymore.
* As a customer I can check-out my shopping cart so that I can finalize my order and pay the total price.
* As a customer I can edit my personal information so that I can keep my data up to date.
* As a customer I can review all my own orders so that I can see what I have ordered previous times.
* As a customer I can cancel my order if I have made a mistake.
* As a customer I can enter discount voucher code to my order so that I will have a discount from the total price.
* As an employee I can add, edit and remove products from the shop.
* As an employee I can add, edit and remove product categories.
* As an employee I can review all orders so that I can process them.
* As an employee I can create limited time discount voucher codes so that some customers can have a special discount when they use it.
* As an employee I can finalize an order so that I can send it to the customer.
* As an employee I can create, edit and remove product discount offers.

# Planning:

## Sprint 1:

Period: 31 August – 18 September

* Initialize the project.
* Create a Git Repository.
* Setup a small part of the API.

## Sprint 2:

Period: 21 September – 9 October

* Choose a suitable framework for the frontend.
* Design the database.
* Make the first prototype of the application

## Sprint 3:

Period: 12 October – 6 November

* TBA

## Sprint 4:

Period: 9 November – 27 November

* TBA

## Sprint 5:

Period: 30 November – 16 December

* TBA

## Sprint 6:

Period: 4 January 2021 – 22 January

* TBA