Kitchen-story ..

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Core concepts that were used in the project are:

- Database
- Collections
- Exception Handling

Technologies that were used in the project are:

- Spring boot.

- Handling exceptions.

- Spring boot CRUD api

- JDBC

- Java classes

- MySQL

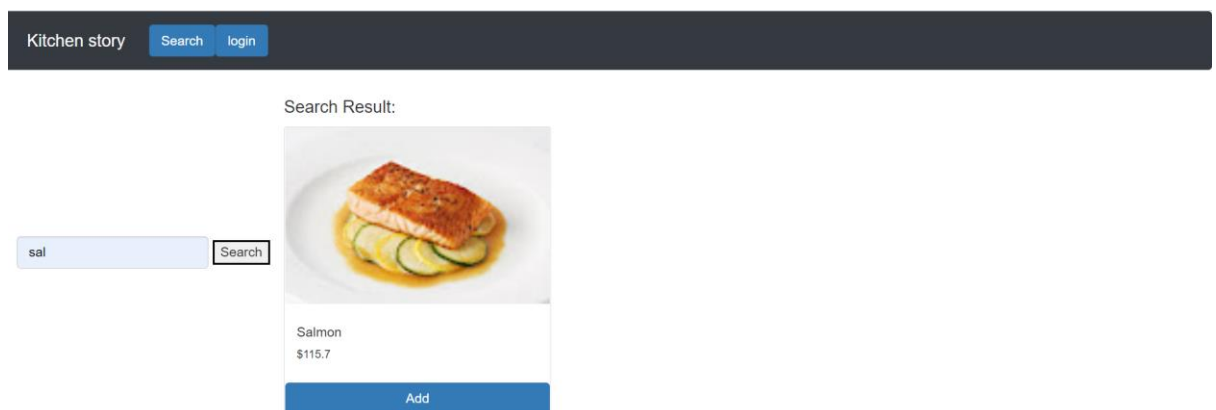- Angular 13

- Typescript

Application features:

- Sign in page for admin.

- Change password for admin.

- View a list of all products for admin.

- Search a product by name.

- Admin password change.

- Admin adds a new product to website.

- Admin deletes product.

The application was done in three sprints, the first sprint for sprint planning and preparing. Next, two sprint for developing and testing the application. Moving on to the first sprint we planned the flow of the development and how we are approaching the project. Furthermore, we developed the database tables and entered products, admin' information and orders details. Then, we created the packages and java classes for each table in the database. Moving on, to the developing the repository packages to link the classes and the database code. Then, we created the services and rest api controllers to get to the code. Finally, we tested the website using postman. Then we created the frontend using angular.

Below you will find screenshots of the application:

User search page

Admin login page

Admin changepassword

Admin view all products

Product name

Product url

Price

[Submit]

admin add product

his project will help the customer a lot in his/her everyday use to buy their groceries . It is developed in a way to make their life easier as it is user-friendly and easy to learn. In the future, we would like to improve the frontend website so that its easier. This project aims to design and develop a website spring boot framework and angular. The goal of this project is to apply angular concept with JDBC concepts and spring boot.

This is the link to github:

https://github.com/rahafAlrabeea/kitchenStory.git

you will also find the code of the database below.

```
REATE SCHEMA `kitchen_story` ;
use kitchen_story;

CREATE TABLE `admin` (
 `admin_id` int NOT NULL AUTO_INCREMENT,
`email` varchar(200) NOT NULL,
  `full_name` varchar(200) NOT NULL,
 `password` varchar(55) NOT NULL,
  primary key (`admin_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (1,'Spanich','20.85','https://www.newyorkfamily.com/wp-content/uploads/2020/03/elianna-friedman-4jpNPu7IW8k-unsplash.jpg');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (2,'Greens','30.12','https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTKyW3K-6515A3HGkX08PBQBfPUe__-XZNUJQ&usqp=CAU');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (3,'Raspberry ','58.72','https://lh3.googleusercontent.com/eOfrgrcAaeRazgAMBgM5GdYK_6XqcMjHs79u6jCdC7i4qRjuMK IOhvpQpppSNoPXMiVUA-0=s95');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (4,'Orange','17.12','https://lh3.googleusercontent.com/SF3IUjS6AZhAgNClrfoXc-MBq90pFmZvO8jscCncFC4i0mH2VVvLUnmLrg2Tp3816C4x=s128');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (5,'Lobster','168.12','https://lh3.googleusercontent.com/XSFvVNWdjiQBLF0V538NuebUNkwhDAjcqvIcx5XZ 6khv7Dv-qbLtTTxJE9W7DHkHZFZdsQ=s151');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (6,'Salmon','115.70','https://lh3.googleusercontent.com/RLfRAl7elqzDW1H7R2KdUfz6At602YZ2Oxrpyj3-ab7I3JopErd7k_Ex74Ml95JKt_a_kA=s128');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (7,'Milk','14.86','https://lh3.googleusercontent.com/rHuJaZmk01jIG7nKriA3jJJUBmcX7-Og7QT1Zu9AJVZ54mFMqZEsOUaipGwm81KppqjD=s113');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (8,'Green Beans','22.50','https://lh3.googleusercontent.com/OJNwyW-D5lxWrXzegqJUPIRTVUCHWeUYKGtvJVoarBSwEPihWHFDIWXOCKFkigmoktO7Sw=s85');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (9,'Calamari','200.77','https://lh3.googleusercontent.com/M14kXSQAjdTG1_ee8hKv6H9JXE-lyZBs0NsNHVLDhRt9i-Ucn28DODHI3u65g9kAlbEX=s113');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (10,'Coconut','66.99','https://lh3.googleusercontent.com/hHBLuGjRlGpcpNevXKUa_sciW6dDE53kAjVti11wj2 XFHL4ayTyWO4eJMO72TYVLJGlZKQ=s128');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (11,'Steak','250.99','https://lh3.googleusercontent.com/Mwb9u2ptUq2ZaMZTALNLA3q3yTgepddBtwbXNNVc yOowLFXPZeqjrklJnYIERYQsowLFmA=s128');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (12,'Mango','111.87','https://static.toiimg.com/photo/69185542.cms');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (20,'testttt388','123.97','huhhgvjbj23456');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (21,'testttt3','123.97','huhhgvjbj23456');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (22,'testttt3','123.97','huhhgvjbj23456');

INSERT INTO `products` (`product_id`,`product_name`,`MSRP`,`url`) VALUES (23,'testttt388','123.9','huhhgvjbj23456');

INSERT INTO `admin` (`admin_id`,`email`,`full_name`,`password`) VALUES (1,'rahaf-alrabeea@outlook.com','Rahaf Alrabeea','root');

CREATE TABLE `products` (

  `product_id` int NOT NULL AUTO_INCREMENT,

  `product_name` varchar(6000) NOT NULL,

  `MSRP` varchar(200) NOT NULL,

  `url` varchar(6000) NOT NULL,

  primary key (`product_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4