

My Store

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Description

- My Store is an online shopping cart application which will enable local store owners to expand their business to online with very little investment.
- There are 2 parts of this application
 - My Store Mobile App (for Customers)
 - My Store Inventory Management System (for Store Owners)
- Store Inventory Management System will allow the store owner to maintain their store inventory and publish to online.



Features of Inventory System

- Store owner can sign up and sign in.
- Store owner can create and view categories and brands.
- Store owner can create, edit, delete and view his inventory products.
- Store owner can upload and select image for each products.
- Store owner can publish the items to online.



Planning - User Stories

- Store owners are able to register and log in to the site.
- Store owner can:
 - create, edit and delete items
 - search the items by name, brand, category
 - upload images and select the images for each item
 - publish /un-publish items to online
 - change his items when it got expired



Planning - Database

Model Objects for Tables

- There are 7 tables
 - Address
 - OwnerInfo
 - StoreInfo
 - Item
 - Category
 - Brand
 - Images
- All the tables have an ID as a Primary Key
- OwnerInfo is linked to Address through the Address_ID as Foreign Key
- StoreInfo is linked to OwnerInfo and Address through Owner_ID and Address_ID as Foreign Keys
- Item is linked to Category, Brand, Image and StoreInfo through the Category_ID, Brand_ID, Image_ID and Store_ID as Foreign Keys



Planning - Database - Continue

- Owner has one to many relationship with Store.
- Store has a one to many relationship to Items.
- Item has many to one relationship to Categories, Brands, and one to one relationship to Image.
- All items have expiry date it allows the owner to remove all items from his inventory.



My Store Demo

Login

My Store

Sign Up

Login



Email



Password

[Forgot Password?](#)

Log In



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Login - Validation

My Store

Sign Up

Login



Email



Password

Invalid User Name / Password ×

Forgot Password?

Log In





Sign up

My Store

Registration Form

Store Name

Store License

Store Address

Addr Line1

Addr Line1

Addr Line2

Addr Line2

City

City

State

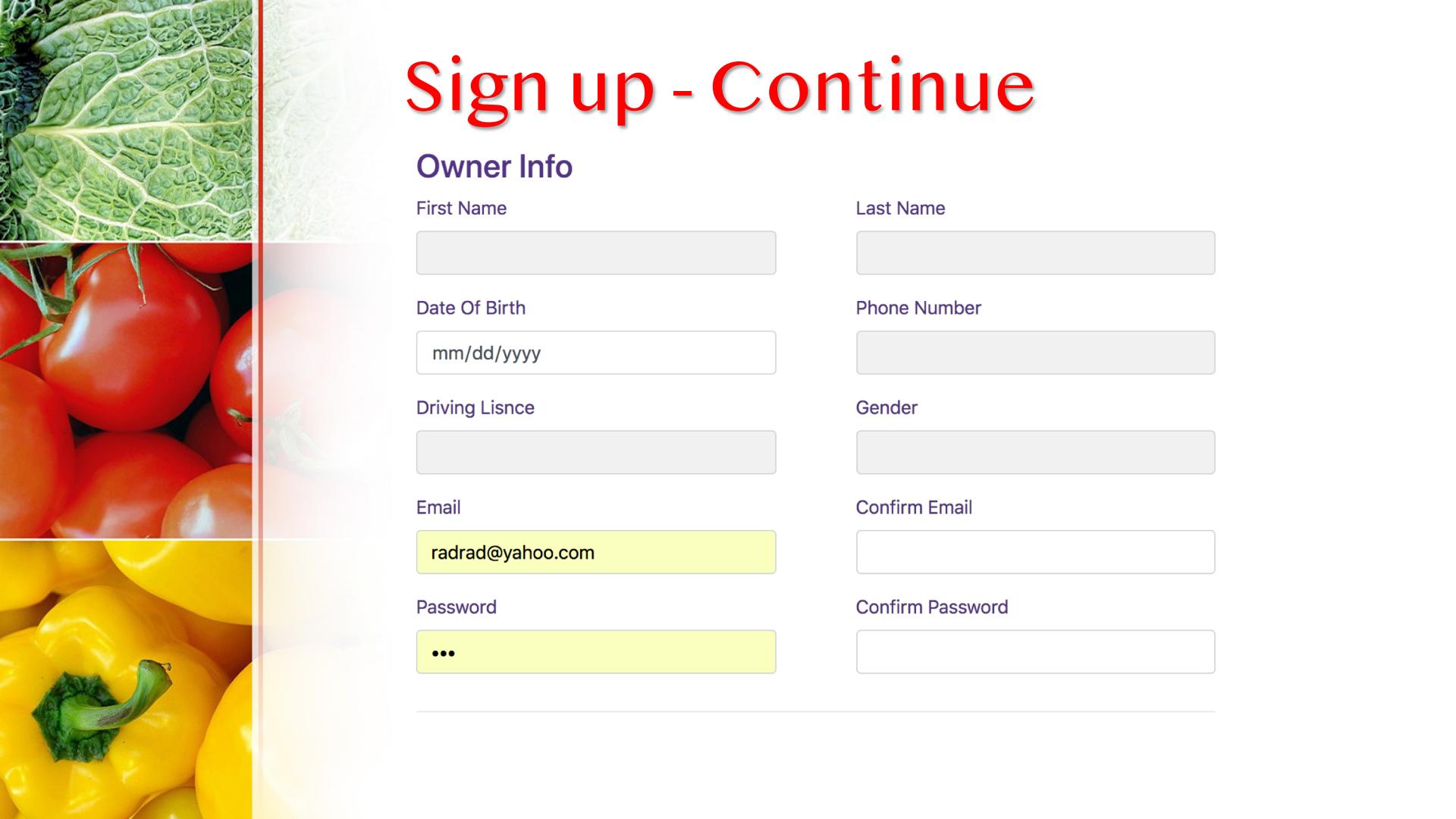
State

Zip Code

0

Country

United States



Sign up - Continue

Owner Info

First Name

Last Name

Date Of Birth

mm/dd/yyyy

Phone Number

Driving Liscne

Gender

Email

radrad@yahoo.com

Confirm Email

Password

•••

Confirm Password



Sign up - Continue

Owner Address

Addr Line1

Addr Line2

City

State

Zip Code

Country

Sign Up

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Store Items Listing

My Store

Local Grocery Store

Add 

 Radhika Gudimalla 

Search by name, category and brand



Tomato 



Price \$1.99 **Qty** 20 **Category** Vegetables 

Milk 



Price \$2.0 **Qty** 3 **Brand** Great V... **Category** Dairy 

Onion 



Price \$2.0 **Qty** 22 **Brand** All Prod... **Category** Vegetables 

Juice 



Price \$4.0 **Qty** 22 **Brand** All Prod... **Category** All Brands 

Wheat Flour 



Price \$17.0 **Qty** 30 **Brand** Swad **Category** Flour 

Okra 



No Image Available **Price** \$2.0 **Qty** 20 **Brand** All Prod... **Category** Vegetables 

Create Brand



My Store Local Grocery Store Add ▾ | Radhika Gudimalla ▾

Brand

Name

Add Cancel

- Cycle
- All Products
- Great Value
- Nescafe
- Deep
- Swad
- Laxmi

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Create Category

My Store

Local Grocery Store

Add ▾

Radhika Gudimalla ▾

Category

Name

Add

Cancel

- Dairy
- All Brands
- Lentils
- Flour
- Rice
- Floor
- Vegetables
- Snack
- Frozen

Create Item

My Store

Local Grocery Store

Add ▾

Radhika Gudimalla ▾

Add Item

Name

Wheat Flour

Description

Category

Flour



Brand

Swad



Add

Quantity

30

Price

\$ 17.0

Aisle

2

Expiration Date

2-3-2020

Select Image

Add Item

Cancel



Edit Item

My Store

Local Grocery Store

Add

Radhika Gudimalla

Edit Item

Name

Onion

Description

Red

Category

Vegetables

Add

Brand

All Products

Add

Quantity

22

Price

\$ 2.0

Aisle

2

Expiration Date

12-5-2019



Update Image

Save Item

Cancel

Upload and Select Image for Item

My Store Local Grocery Store Add ▾ Radhika Gudimalla ▾

Add Item

Name
Wheat Flour

Description

Category
Flour Add

Quantity
30

Aisle
2

Add Item Cancel

Select Image

Choose Files No file chosen

Upload Select

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Search Item by Name, Brand, Category

My Store

Local Grocery Store

Add ▾

Radhika Gudimalla ▾

Search by name, category and brand



chips ✕ vegetables ✕

Tomato



Price

\$1.99

Brand

All Prod...

Qty

20

Category

Vegetables

Onion



Price

\$2.0

Brand

All Prod...

Qty

22

Category

Vegetables

Chips



Price

\$2.0

Brand

All Prod...

Qty

2

Category

Snack

Store Profile view

My Store

Local Grocery Store

Add ▾

Radhika Gudimalla ▾

Store Details:

License:W59993H33

Address:

34523 Dorset Road
Maryland Heights Missouri 63043

Owner Details:

Name: Radhika Gudimalla

Email: radrad@yahoo.com

Ph: 13144534534

Address:

34523 Dorset Road
Maryland Heights Missouri 63043

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Tech Stack

- Java
- Spring Boot
- HTML, Thymeleaf Templates, JavaScript, jQuery, CSS, Bootstrap
- MY SQL data base



What I Learned

- Boot Strap
- Upload Images
- Autocomplete
- Java Script, jQuery
- Spring Boot Rest Controllers



I want to learn

- Spring Security
- ReactJS
- React Native (For Mobile Development)
- NodeJS



What Next

- Implement Spring Security to authorize different roles
- Develop a My-Store Mobile App for end users(Customers)
- Deploy project in Amazon Web Services (AWS)



Questions?