

PUSL2002 Coursework

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1. Acknowledgement

This project would not have been accomplished successfully without the encouragement of the lecturer and the group members. This project is a procurement of four group members which worked with various difficulties in achieving this final report of the project.

We thank our module lecturer Dr. Rasika Ranaweera who gave us uncountable support and the opportunity to do this project.

Also, I would like to thank all my group members in making this assignment a success.

2. Introduction

This is a dynamic website developed by our group for the module PUSL2002 Coursework.

The scenario for the project briefly explained is as followed,

“The Department of Agriculture (DoA) of Sri Lanka along with the Keels are planning to launch a web site to develop a market for the farmers, where the farmers can feed their harvest and Keels staff can buy them.”

3. Used technologies and resources

Front End:

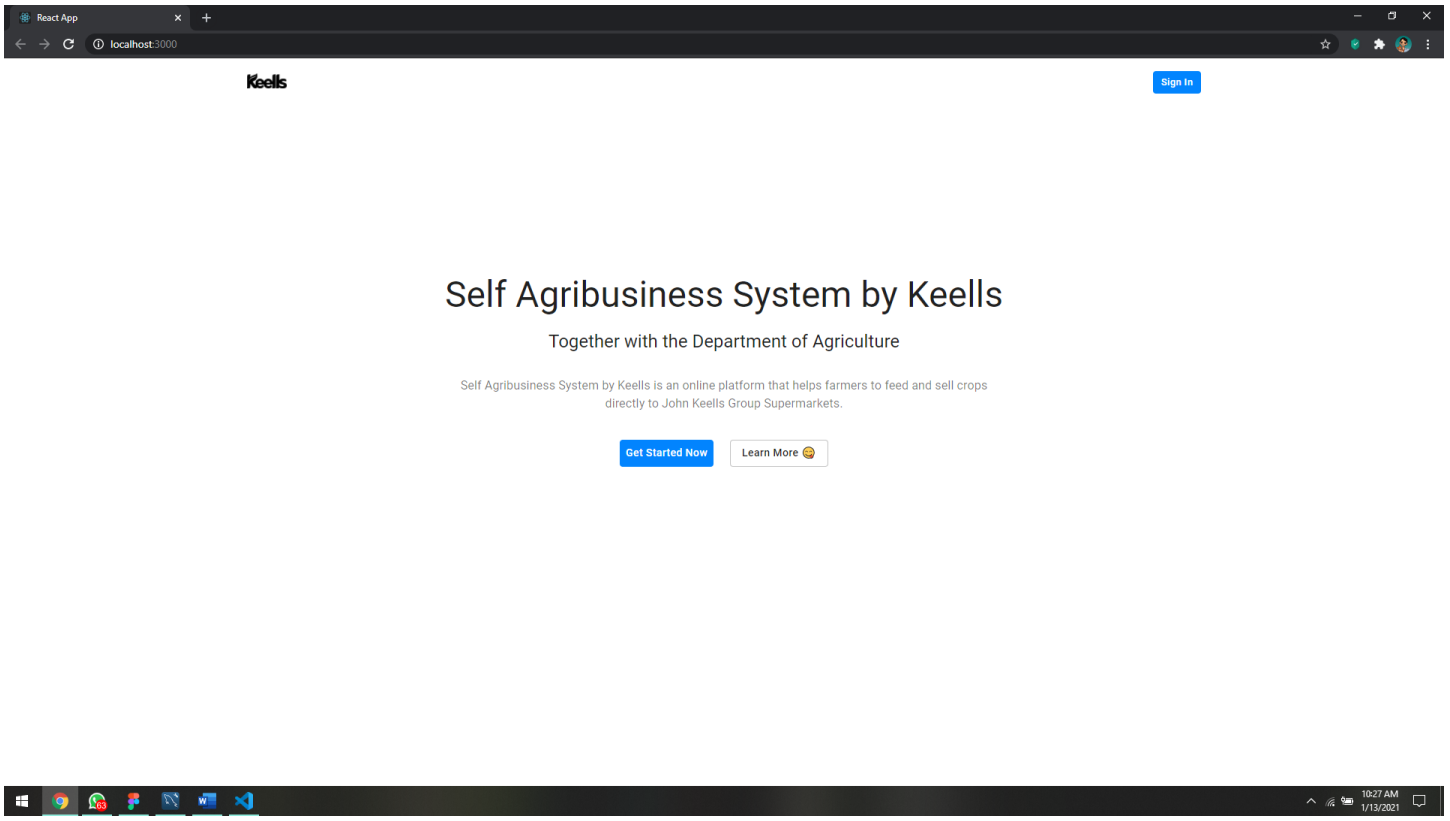
- Technology – React JS
- UI Library – Material UI
- Maps – Google Maps API (Developer version)

Back End:

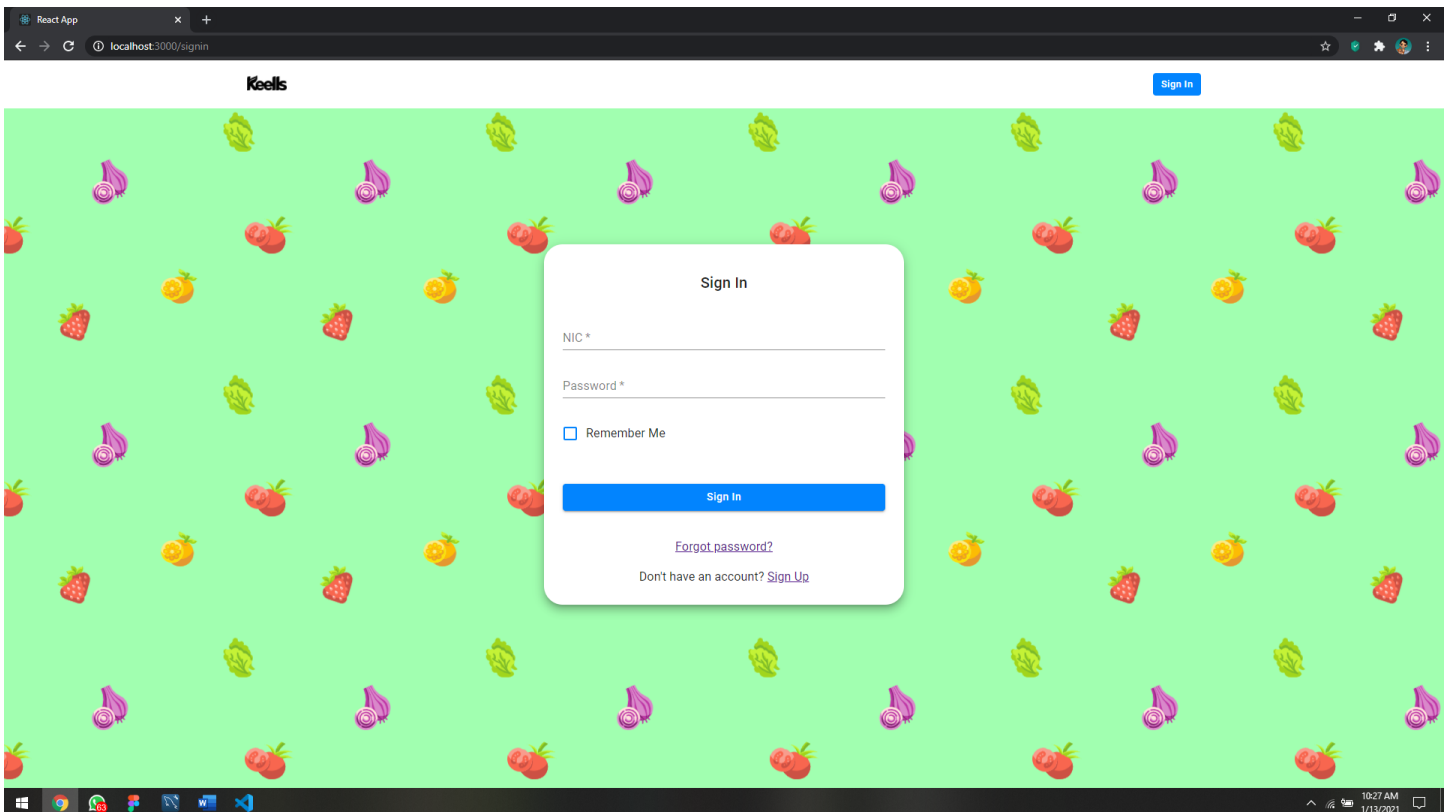
- Server – Node JS
- API Middleware – Express JS
- Data Base – My SQL
- Data Base Middleware – MySQL Node package

4. Screenshots

- Home page



- Sign in



- Sign up

React App

localhost:3000/signup

Keells

Sign In

Sign Up

NIC *

Name *

Phone *

Email *

Password *

Confirm Password

Sign Up

Already have an account? [Sign In](#)

- Farmer Dashboard / List an item

React App

localhost:3000/dashboard/farmer/add

Keells

Hello Devon Lane

FARMER

Log out

[Add Listing](#)

[View Listings](#)

List an item

Item Type

Item Name *

Quantity *

Description *

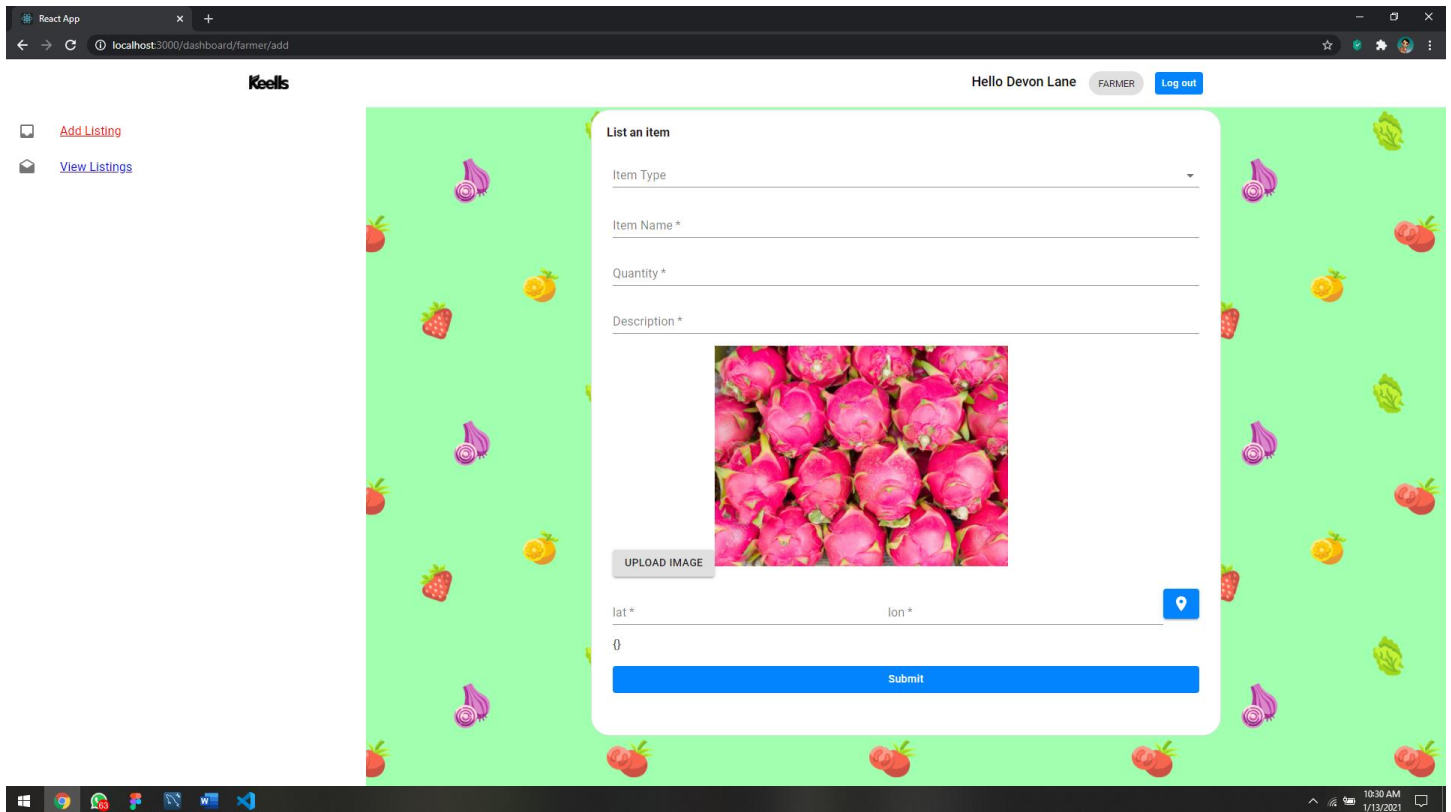
UPLOAD IMAGE

lat * lon *

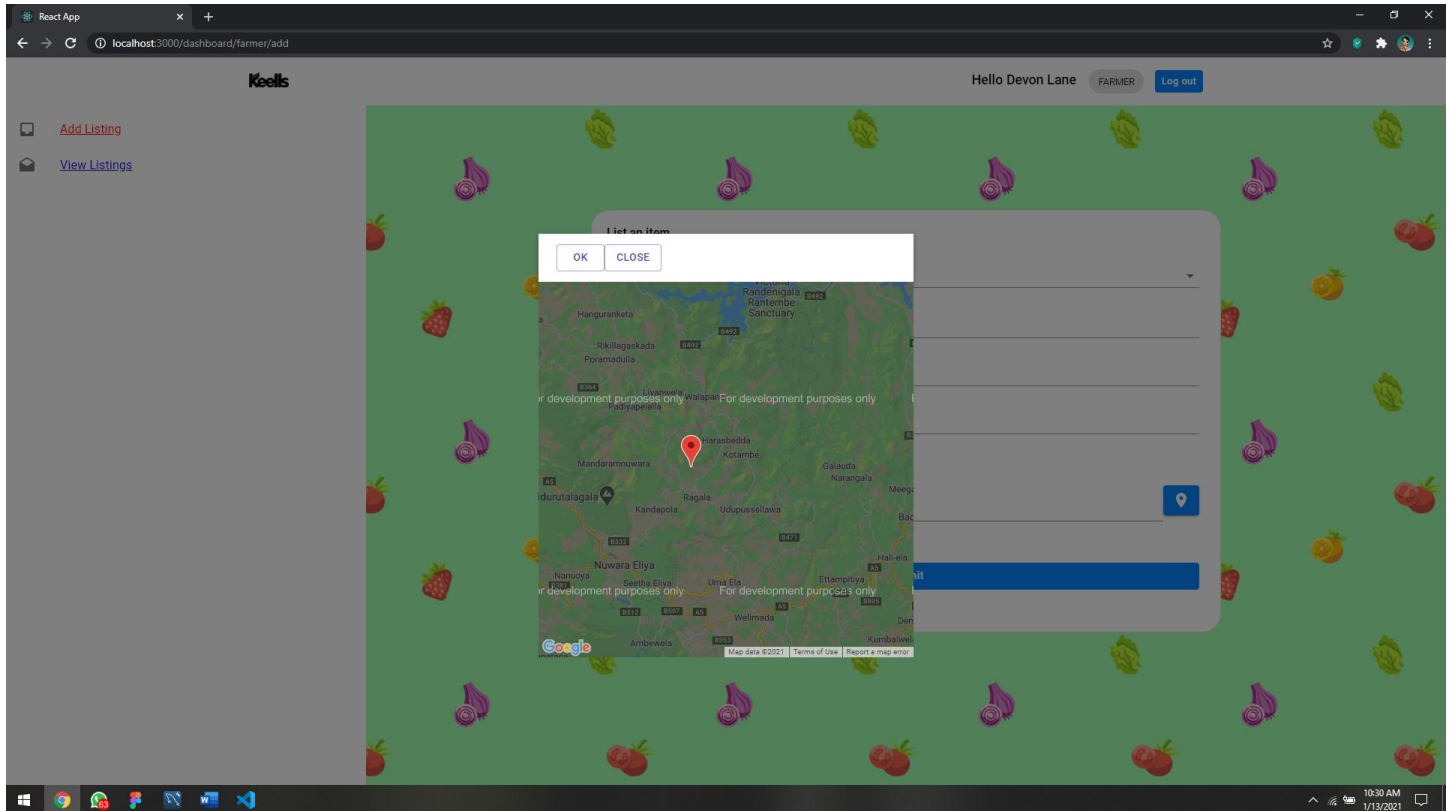
0

Submit

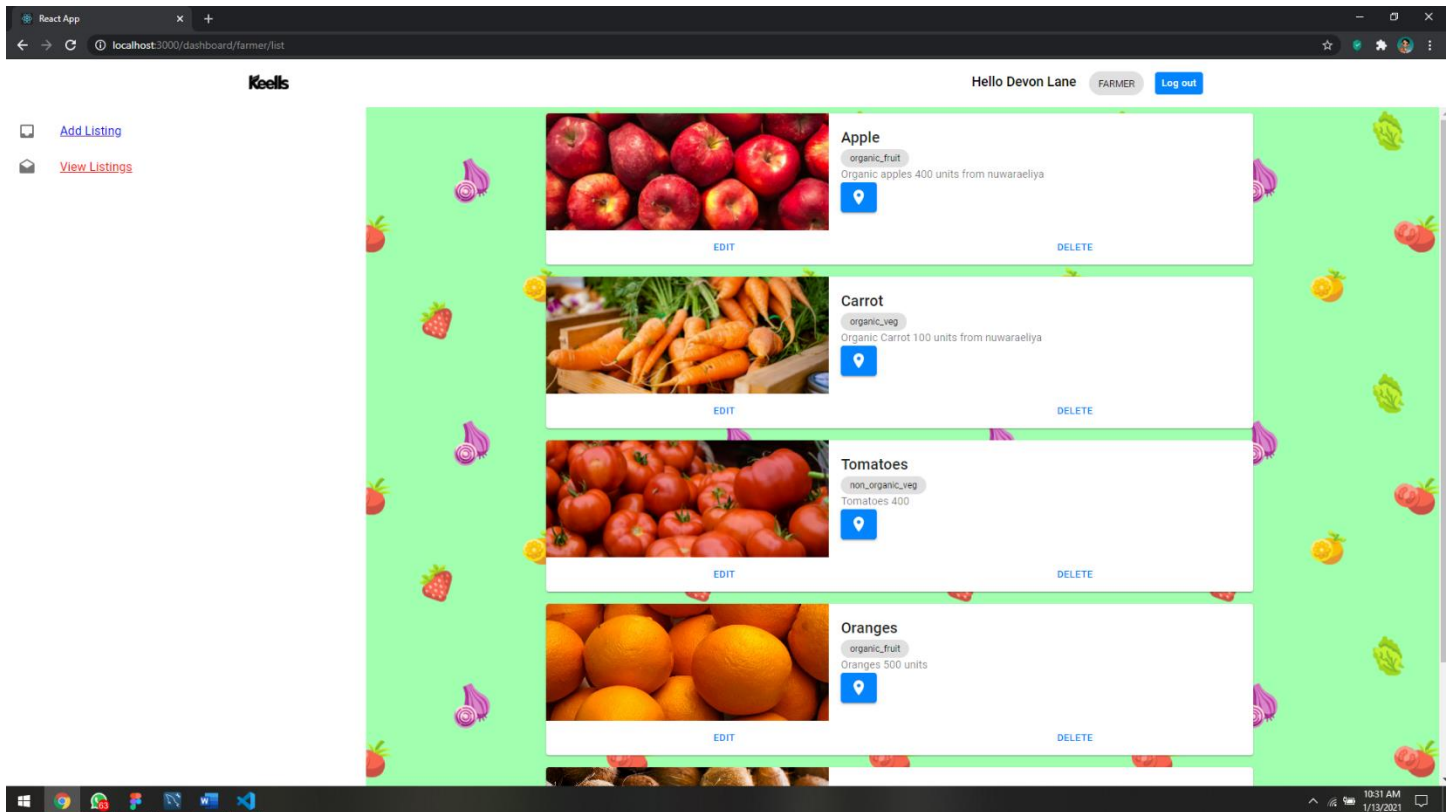
- Farmer Dashboard / List an item



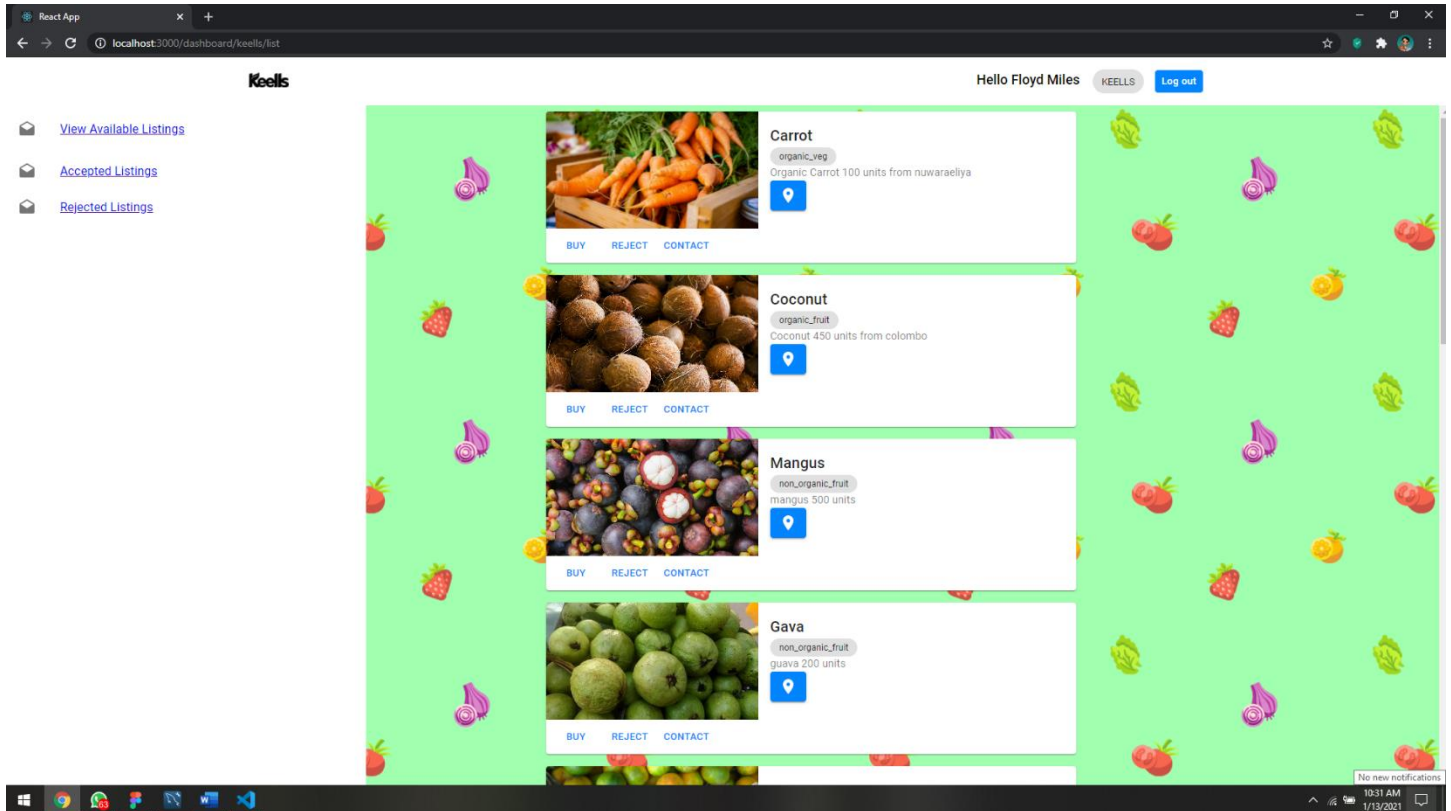
- Farmer Dashboard / Map intergration



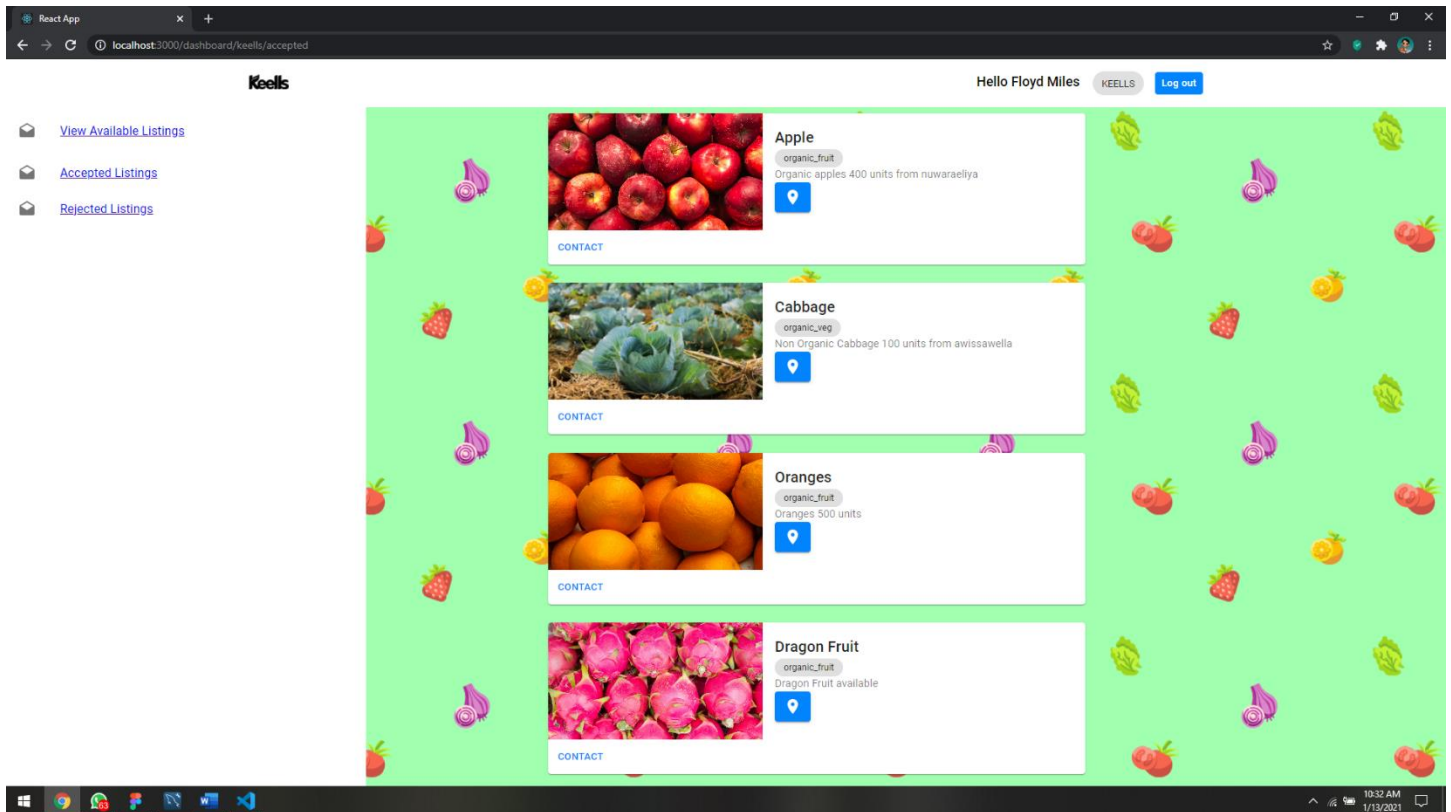
- Farmer Dashboard / Edit or Delete listed item



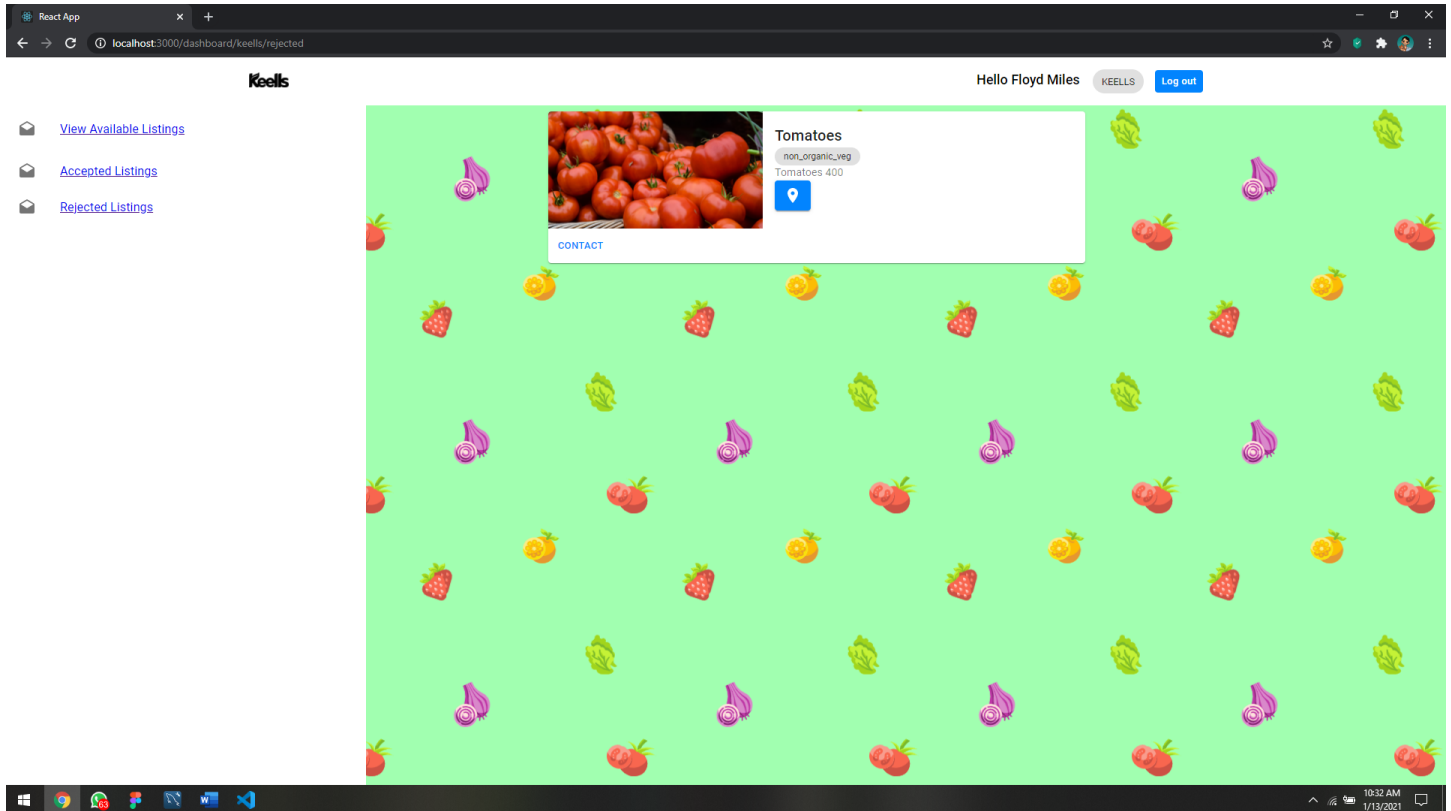
- Keells Employee Dashboard



- Keells Employee Dashboard / Accepted Items



- Keells Employee Dashboard / Rejected Items



- DoADashboard / Review Accepted and Rejected Items

React App | localhost:3000/dashboard/doa/list

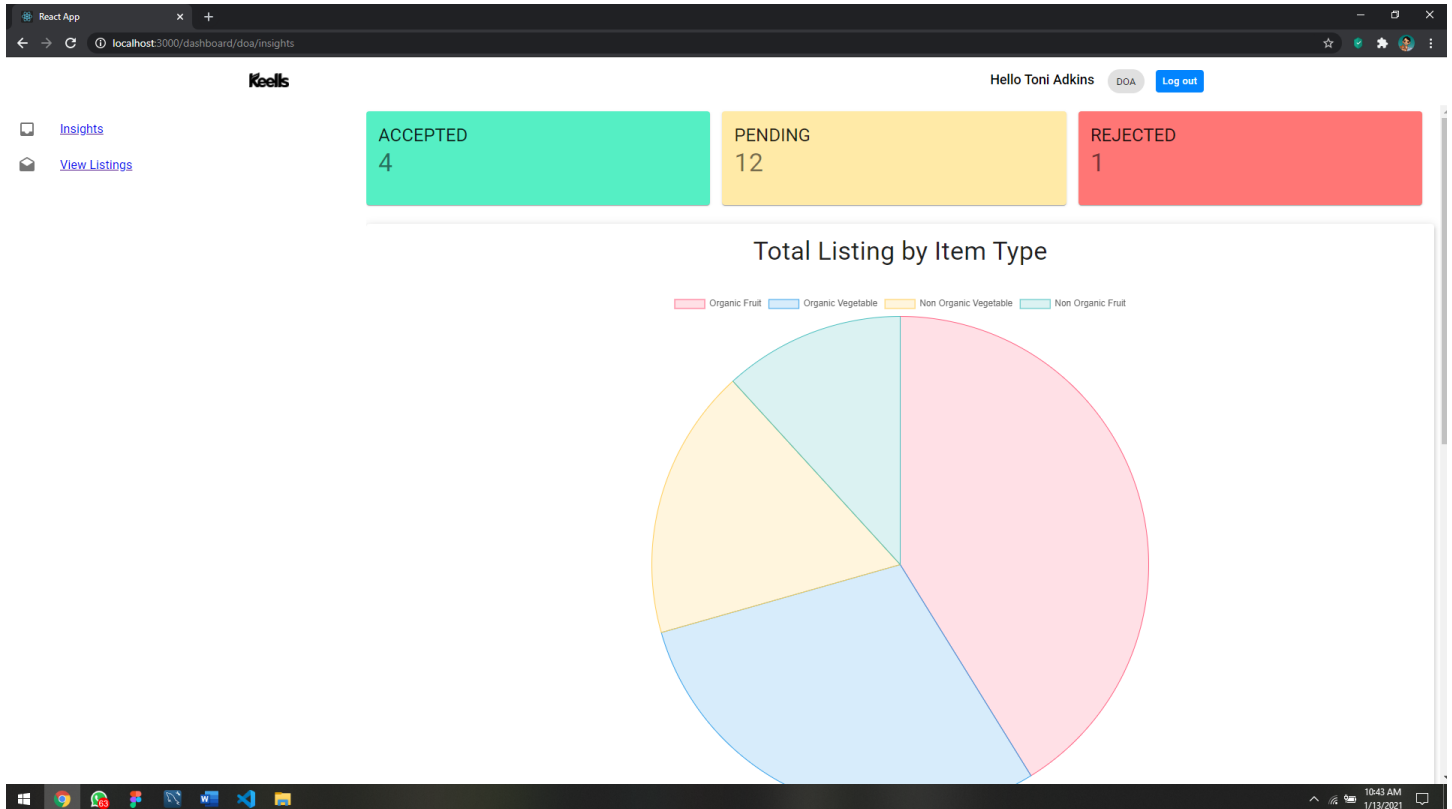
Hello Toni Adkins | DOA | Log out

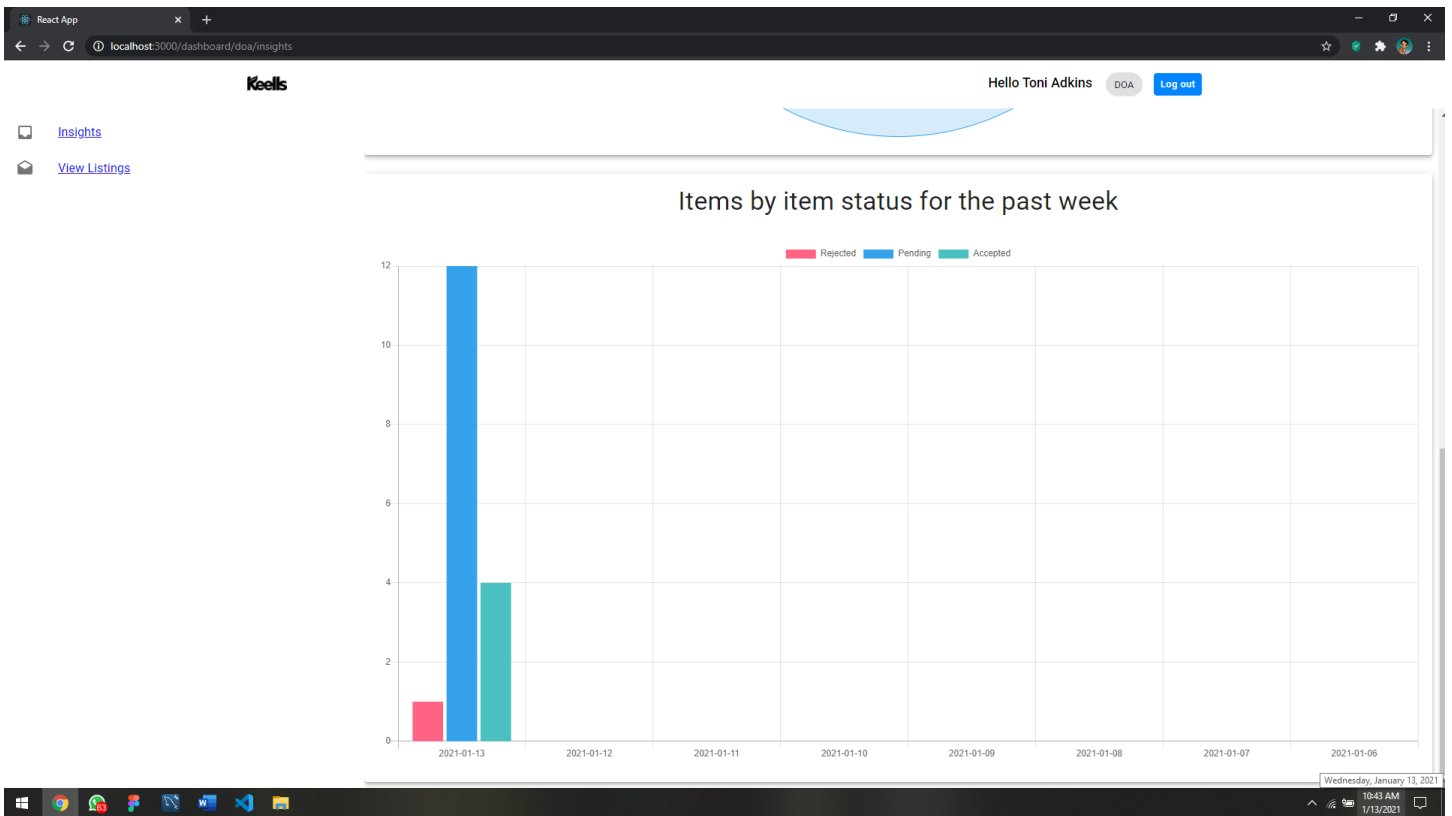
[Insights](#) | [View Listings](#)

Item	Type	Status	Quantity	Source
Apple	organic_fruit	ACCEPTED	400 units	nuwaraeliya
Cabbage	organic_veg	ACCEPTED	100 units	awissawella
Carrot	organic_veg	PENDING	100 units	nuwaraeliya
Tomatoes	non_organic_veg	REJECTED	400	
Oranges	organic_fruit	ACCEPTED	500 units	
Coconut				

Windows Taskbar: 10:42 AM, 1/13/2021

- DoADashboard / Insights





- Admin Dashboard / DoA Account creation

React App

localhost:3000/dashboard/admin/add-doa

Hello Admin 1 ADMIN Log out

Add DoA Account

Add Keells Account

DoA Account Creation

DoA ID *

Name *

Phone *

Email *

Password * Confirm Password

Create Account

- Admin Dashboard / Keells Account creation

React App

localhost:3000/dashboard/admin/add-keells

Keells

Hello Admin 1ADMINLog out

Add DoA Account

Add Keells Account

Keells Account Creation

Keells ID *

Name *

Phone *

Email *

Password *Confirm Password

Create Account

SLT_FIBRE

Internet access

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Work Breakdown Structure

Member Activity	Member 01	Member 02	Member 03	Member 04
Sign In / Up (Form Validation)				X
Navigation and Routing	X	X		
Map Intergration			X	
User Interface			X	X
Database	X			
Server – Database Interaction		X		
Total Contribution- (100%)	26%	28%	23%	23%