

# Green Market

A Paper

Submitted to the Coding Academy by  
Orange

By

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# Abstract

The goal of this web application is to gather all the producers of organic food and plants of all kinds in Jordan under one place so that users can see the product they want at different prices and from different suppliers.

It provides another promotional platform for sellers to spread their services on a wider level.

The application was built using the Laravel framework, which handles the database from storage for users (customers) and sellers, storage for products by sellers, storage of customer orders, and also UI creation and control of all data displayed and navigation between different UI pages.

# ACKNOWLEDGMENTS

I would like to express my deep sense of gratitude and convey thanks to everyone who helped me and supported during the completion of this project.

I would like to express a deep sense of gratitude to my trainers: Mr. Salameh Yasin, Mrs. Ala'a Mohammed, Mr. Muhammed AlShawiki, and Ms. Khadejah Hamdan for helping, guiding, and supporting me throughout my journey to learn coding and for supporting me, and for allowing me to do something the way I liked, without them this project would have been impossible.

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# CHAPTER 1. INTRODUCTION

Organic food is of great importance, which is increasing day by day this importance comes from the negative effects on health resulting from food that has been exposed to pesticides and fed with different types of chemical fertilizers.

In Jordan, as in other countries, interest in organic food has recently increased, and the number of projects based on the production of various organic products, whether for food or as cosmetic materials, has increased.

In the green market, we wanted to gather as many projects as possible that are interested in this field under one place.

And not only to sell organic products, but we added special sections for plants, seeds and garden supplies to encourage people to start planting and provide everything they need to do so, in addition to that we added a blog contains articles that teach people how to plant organically, so we have encouraged people to plant and take advantage of that to start their own projects and promote for those projects in the green market.

In the green market we are working to make all users of our site beneficiaries, the providers of organic food and plants will have a platform other than their websites where their products will be promoted.

As for customers, they will enjoy a wide variety of products from different suppliers at different prices, and different offers will also be offered to them.

## 2.1.1.1. User Interface

The three types of interfaces present in the green market are as follows:

1. User Interface: Users can view the shopping cart app homepage, browse the different categories, browse and add any number of items from any categories in the shopping cart, search for information about each product, delete the items in the cart, save the cart to view them later, check From or Continue shopping after adding the item to the cart, and check the items by completing the information requested on the order form.
2. Seller interface: Seller is able to view users' orders entered during checkout in the database, and can update information, price, and shipping costs for items, and add or remove items from the main screen.
3. admin dashboard: admin can view all users and vendors, also can delete them and manage categories and subcategories, and keeps track of all user orders.

## 2.1.1.2. Hardware Interface

The Green Market application shall provide minimum hardware requirements.

The following hardware configurations are required for a PC using the Green Market application:

1. Pentium processor 10.
2. 32 MB of free hard-drive space.
3. 128 MB of RAM.

## 2.1.1.3. Software Interface

This section lists the requirements that are needed to run the system efficiently are as follows:

1. Operating System: Windows (Windows 7 and above) or MAC OS 2.
2. Web Brower: Internet Explorer (8.0 and above), Mozilla Firefox (3.0 and above), or Google Chrome.

## 2.1.2. Product Function

The Green Market application would have the following basic functions:

1. Display all the categories available for shopping on the system's main page.
1. Display all the sub-categories available for shopping on the system's category page.
2. Display all the items linked to each sub-category listed on the category page.
3. Allow the seller to add new items to the existing list of available items.
4. Allow seller to remove items.
5. Allow the seller to modify the price of each item.
6. Allow the seller to update the description about each item.
7. Allow the administrator to view the information about each user that checkouts the items from the system.



## 2.1.3. User Characteristics

The users of the Green Market application, based on their roles, are customers (users), suppliers(sellers) and the administrator (owner). These users are identified based on their experience and technical expertise.

1. Admin: The administrator is the owner of this Green Market application. One must have a basic understanding of computers and the internet.

The administrator is responsible for maintaining all the training documents required for the system.

The admin can perform the following functions:

- A. Manage users and sellers.
- B. Determine the Categories and Sub-Categories.
- C. Tracking users' orders.
- D. Update blog articles.

2. Seller: the sellers of this Green Market application can perform the following functions:

- A. Register/login using a company name, company email, password

specify which categories they want to use to add products, approve their certification if they are organic food suppliers.

B. Assign or change the price of the items.

C. Update the items in the list, and delete the items. Assign sales tax for different states at the time of checkout.

D. View the history of the customers who purchased the items.

2. Users: The users of this Green Market application, these users are anyone with shopping experience and the know-how to browse through a Green Market application. They must have basic understandings about computers and the internet. The users should be able to perform the following functions using this system:

A. View, browse, and select a category on the home page.

B. View, browse, and select a sub-category on the category page.

C. View, add, and update items in the cart.

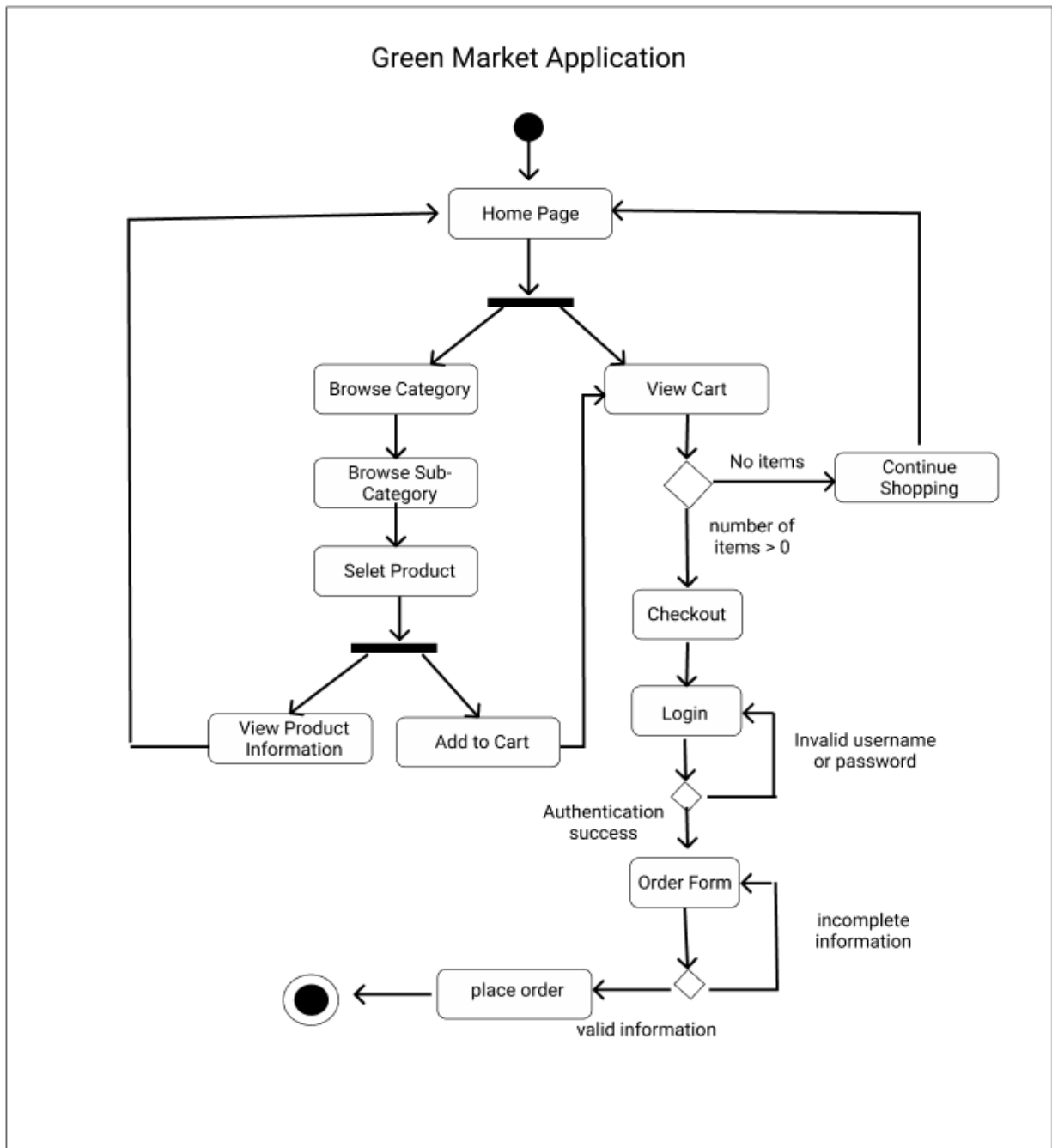
D. Delete items from the cart.

E. Check out the items from the application or continue shopping.

F. Register/login using a username and password.

Z. Place the order by completing the order form.

## Green Market Activity Diagram



# Green Market Wireframe

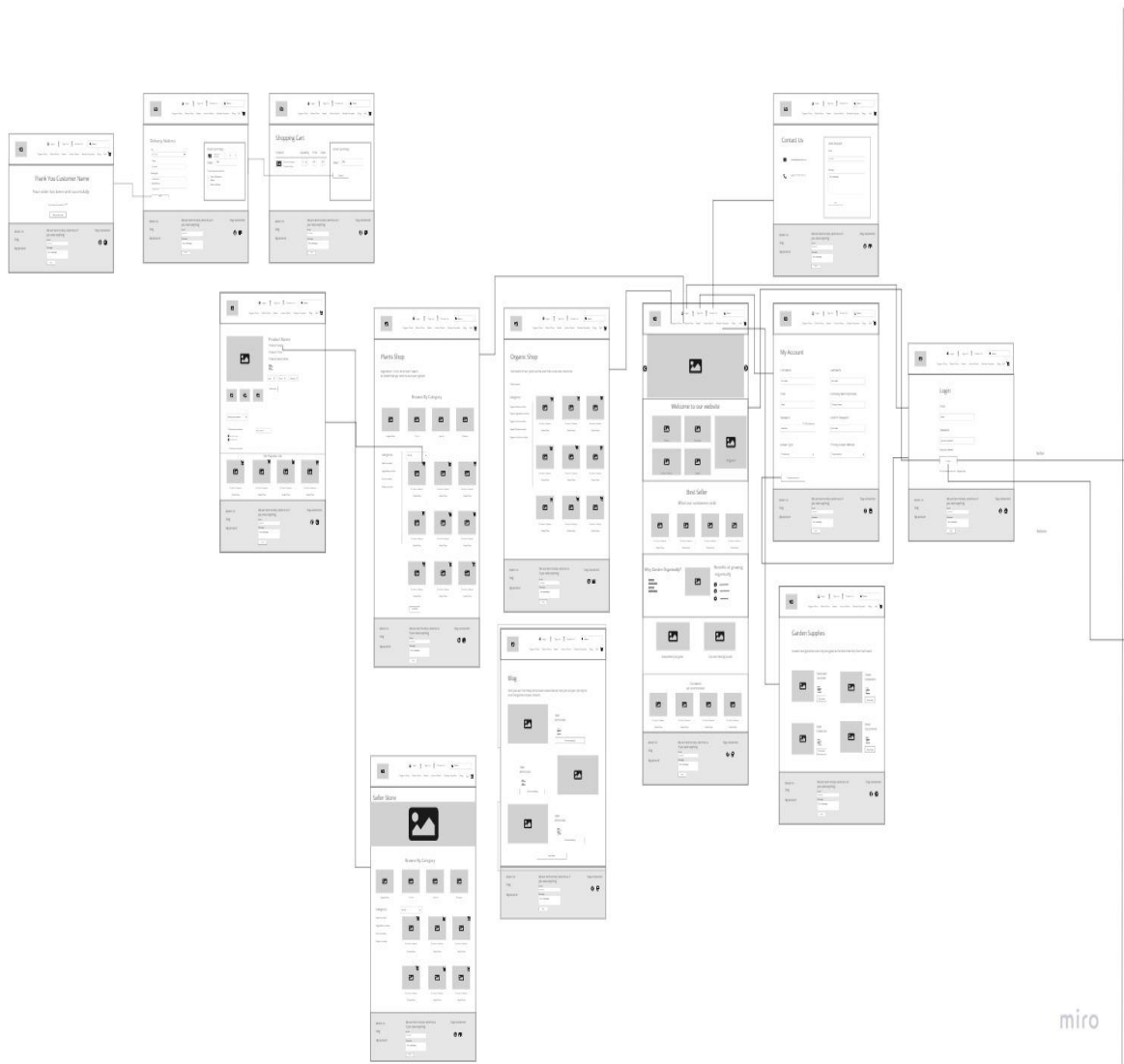


Fig1: green market wireframe

Admin Dashboard



miro

Fig2: green market admin dashboard

# Green Market Mockup



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Buy Organic Food  
from our stores

[BUY NOW](#)

## Welcome to Green Market

Change your life with us, eat and grow organically



Indoor Plants



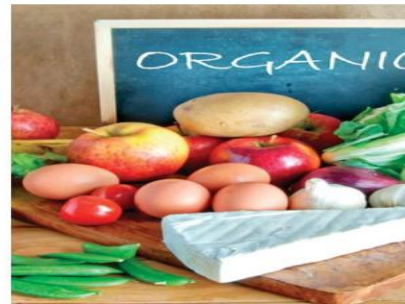
Seeds



Garden Tools



Plants



Organic

## Best Seller

Our customers love these products



Lemon Tree

15 Jd

[Add to Cart](#)



Gazania

2 Jd

[Add to Cart](#)



Garden Tools

5 Jd

[Add to Cart](#)



15 Jd

[Add to Cart](#)

### Why Organically??

Organic farming has the highest animal welfare standards of any international farming system; this means truly-free range animals, encouraged to forage, graze and roam, with plenty of space, fresh air, and conditions that allow them to express their natural behaviours.



### The benefits of organic food:

- ✓ Has higher welfare for farm animals
- ✓ Is better for nature and wildlife
- ✓ And is better for People

[Visit Organic Shop](#)

### Know More Before Start Growing



Know Before You Grow

[Read More](#)



Tips and Planting Guides


[Read More](#)

### This Month We Recommended



Fig3: green market landing page.

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Email

User Image

Choose File

Password

Grower Type

Company Name(Optional)

Confirm Password

Primary Grower Method

Create Account

About Us  
My Account  
Blog

We Are Here to Help, Send to us if you need anything

Email: Your Email

Message: You Message

Send


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Facebook, Instagram icons


Fig4: green market register page.

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# Login

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Password

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We Are Here to Help, Send to us if you need anything

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Message

Send

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Fig5: green market login page.

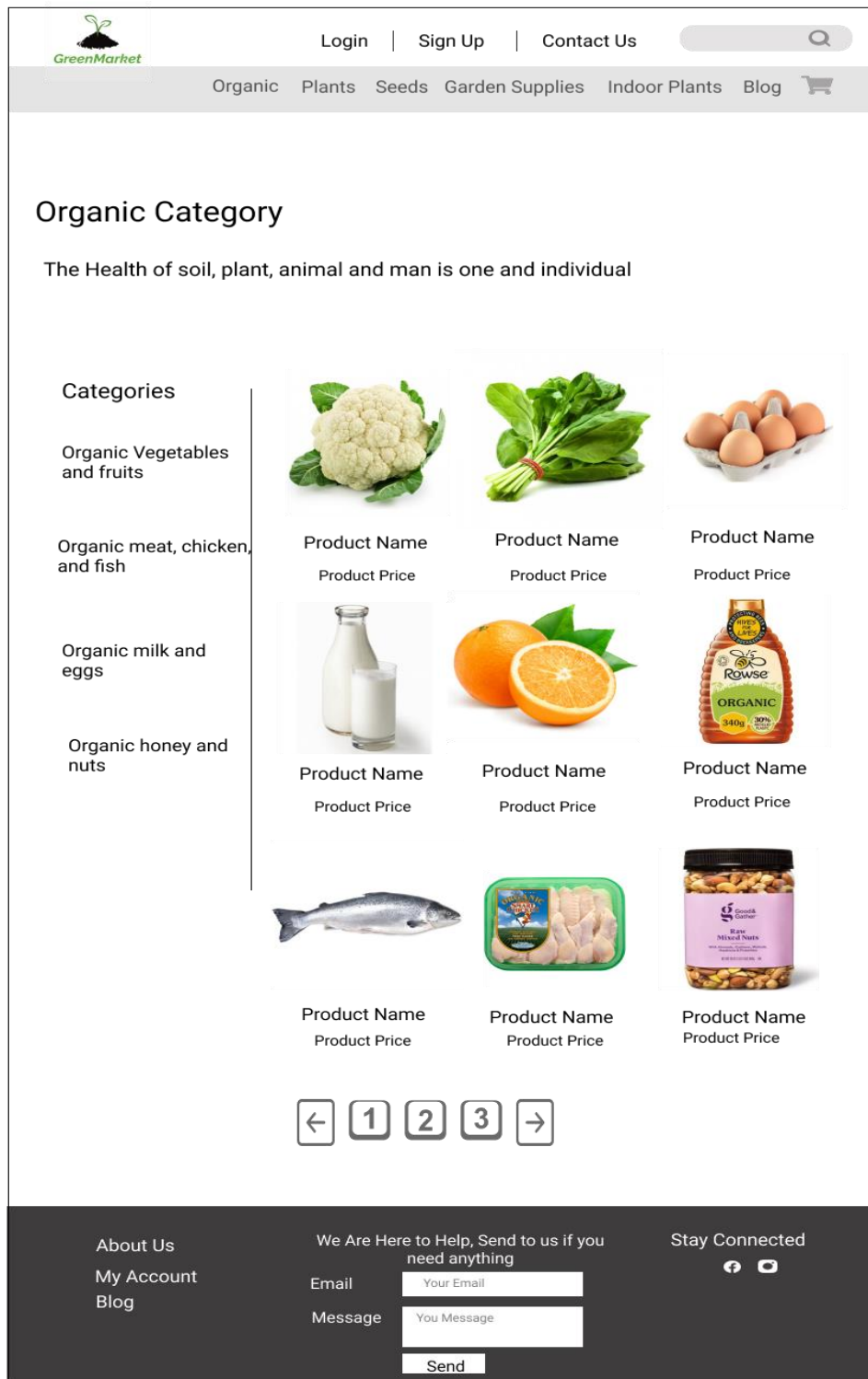


Fig6: green market organic category





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## Plants Shop

Vegetables, Fruits, Herbs, and Flowers  
All Plants that you need to build your dream garden

### Categories

[Vegetables](#)

[Fruits](#)

[Flower](#)

[Herbs](#)



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



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Fig7: green market plants category

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## Gazania Flower

Plant Seller : Mountain Valley Seed Company

Plant Price : 2 jd

Plant Description:

- Gazania Flower Seeds - New Day Series
- Red Shades - 100 Seeds - Gazania splendens, G.rigens
- Non-GMO - Hybrid - High Germination Rate
- Seeds For: Flower Gardening
- Days to Full Maturity: 84-90 – Annual – USDA Hardiness Zone: Annual Crop, Not Intended To Overwinter
- Mountain Valley Seed Company Brand - Premium Quality Seeds



Size ▼

Quantity ▼

Gardening Information ▼

customers Comments

Write Comment

You May Also Like



Product Name  
Product Price



Product Name  
Product Price



Product Name  
Product Price



Product Name  
Product Price

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Fig8: green market single product page.

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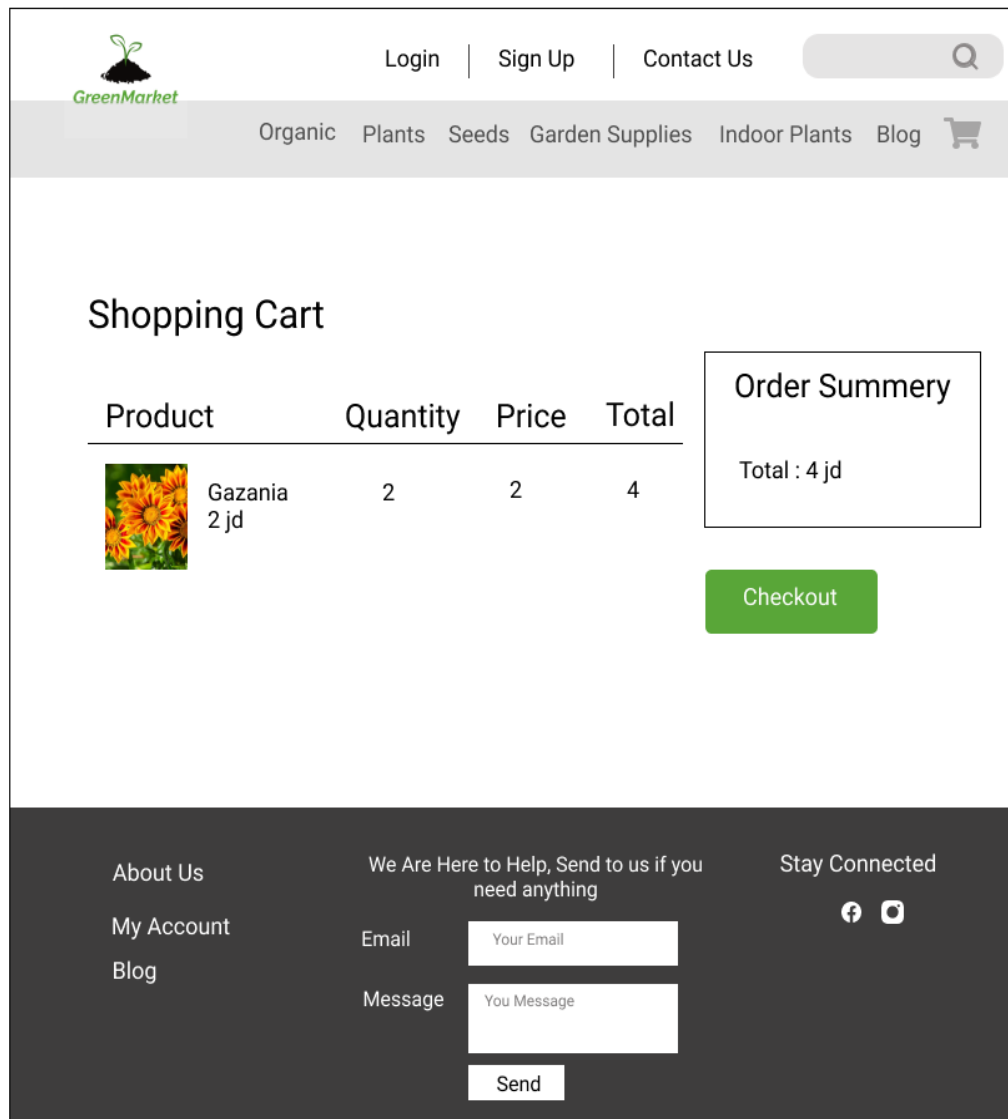




Fig9: green market cart page

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## Delivery Address


City

Street

Building No.

Mobile Number

### Order Summery

Product	Quantity	Price	Total
 Gazania 2 jd	2	2	4

Choose payment method

☐ Visa or Mastercard

☐ Paypal

☐ Cash on delivery

Checkout

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Fig10: green market checkout page





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## Blog

Here you will find many articles and books that will help you in your journey to build the garden that you dream



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Fig11: green market blog page

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## Garden Supplies

Growers and gardeners are only as good as the tools that help them with work



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Containers

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Garden  
Tools

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Fig12: green market garden supplies category

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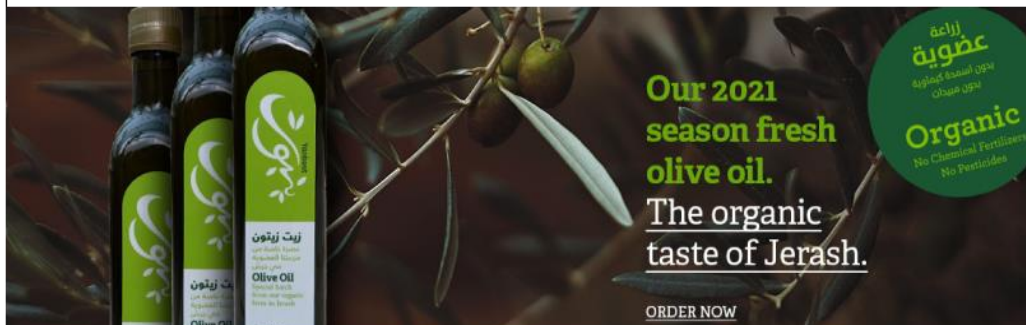
 

Fig13: green market contact page



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## Yanboot Store

[Add Product](#)

### Categories

[Vegetables](#)[Fruits](#)[Flower](#)[Herbs](#)

Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price



Product Name

Product Price

Fig14: green market store page

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## Chapter 5. References

1. Laravel Documentation.