Village Cart:

FarmToHome is an online platform that connects local farmers directly with consumers, enabling fresh and organic produce delivery. It supports role-based access for customers, sellers, and admins to manage orders, products, and user interactions. The goal is to promote sustainable agriculture and eliminate middlemen, ensuring better prices for farmers and quality products for consumers.
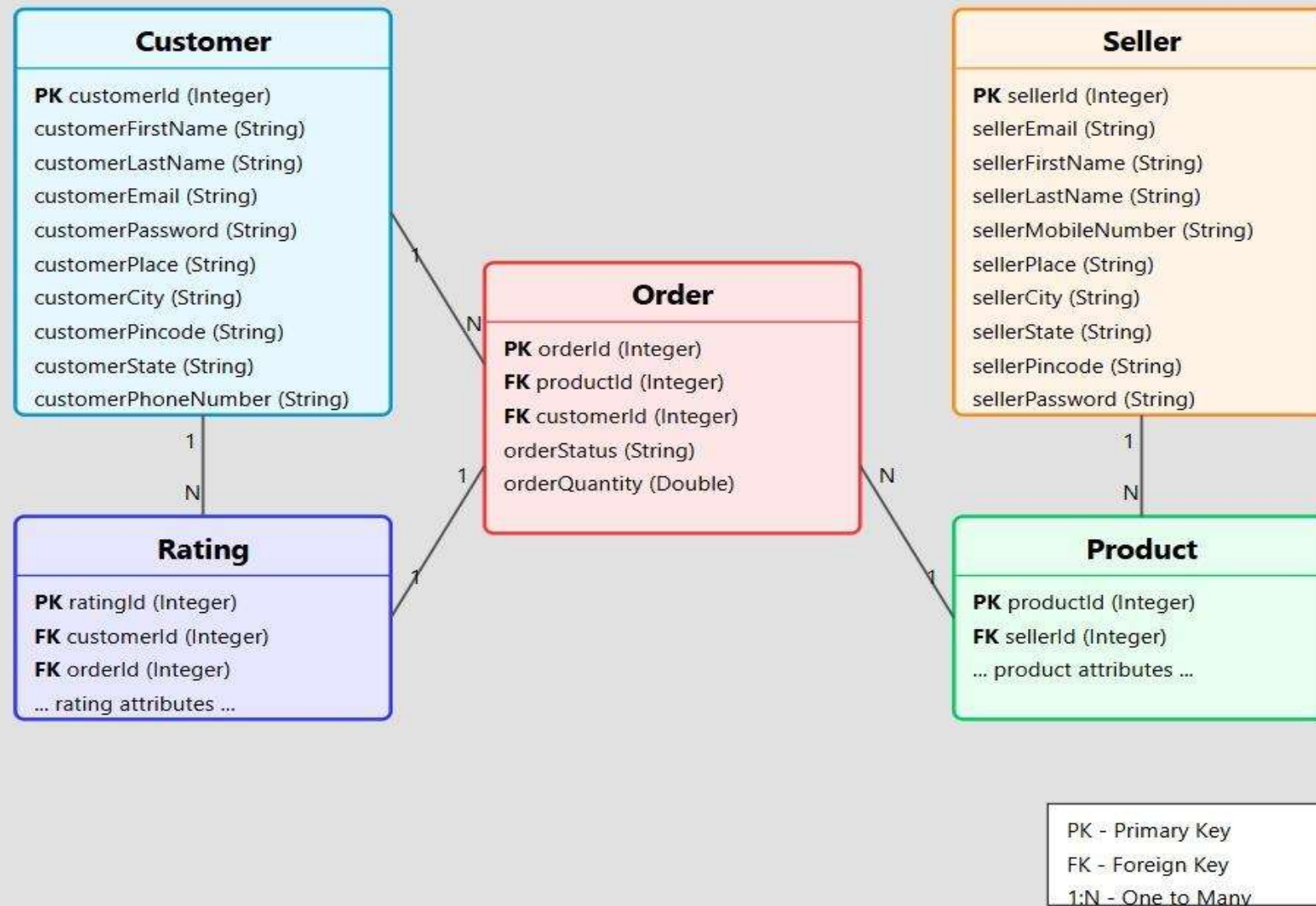
Overview:

1. **Mission and Vision:**

VillageCart aims to empower rural farmers by providing a user-friendly platform to sell their products directly to consumers.

2. **Target Auidence:**

The primary target audience for VillageCart includes local farmers and consumers interested in fresh produce and organic products sourced directly from rural areas.

Database Design:

Customer

PK customerId (Integer)
customerFirstName (String)
customerLastName (String)
customerEmail (String)
customerPassword (String)
customerPlace (String)
customerCity (String)
customerPincode (String)
customerState (String)
customerPhoneNumber (String)

Order

PK orderId (Integer)
FK productId (Integer)
FK customerId (Integer)
orderStatus (String)
orderQuantity (Double)

Seller

PK sellerId (Integer)
sellerEmail (String)
sellerFirstName (String)
sellerLastName (String)
sellerMobileNumber (String)
sellerPlace (String)
sellerCity (String)
sellerState (String)
sellerPincode (String)
sellerPassword (String)

Rating

PK ratingId (Integer)
FK customerId (Integer)
FK orderId (Integer)
... rating attributes ...

Product

PK productId (Integer)
FK sellerId (Integer)
... product attributes ...

PK - Primary Key
FK - Foreign Key
1:N - One to Many

Frontend

- The React.js framework allows developers to build dynamic and responsive user interfaces using a component- based architecture, which enhances reusability and maintainability in web applications.

- User interface design principles focus on creating intuitive and aesthetically pleasing interfaces, emphasizing usability, accessibility, consistency, and user- centered design to enhance user experience.

Backend

- Spring Boot is an open-source framework that simplifies Java-based application development, providing built-in features for configuration, dependency management, and rapid deployment of microservices.

- RESTful API design involves creating web services that adhere to REST architecture principles, enabling seamless interaction between clients and servers through stateless communication and structured resource management.

Sonarqube

Quality Gate ⓘ   Last analysis **2 hours ago**

✓ **Passed**

⚠ The last analysis has warnings. See details

New Code | **Overall Code**

Security		Reliability		Maintainability	
0 Open issues	A	**39** Open issues	C	**284** Open issues	A

Accepted issues		Coverage		Duplications	
0	ⓩ	**68.5%**		**0.6%**	
Valid issues that were not fixed		On **686** lines to cover.		On **3.4k** lines.	

Security Hotspots
10   E

Jenkins :

Pipeline

Start — Checkout SCM — Tool Install — Compile and Cle... — Junit5 Test — Jacoco Coverag... — SonarQube — Maven Build — Build Docker im... — Docker Login — Docker Push — Docker deploy — End
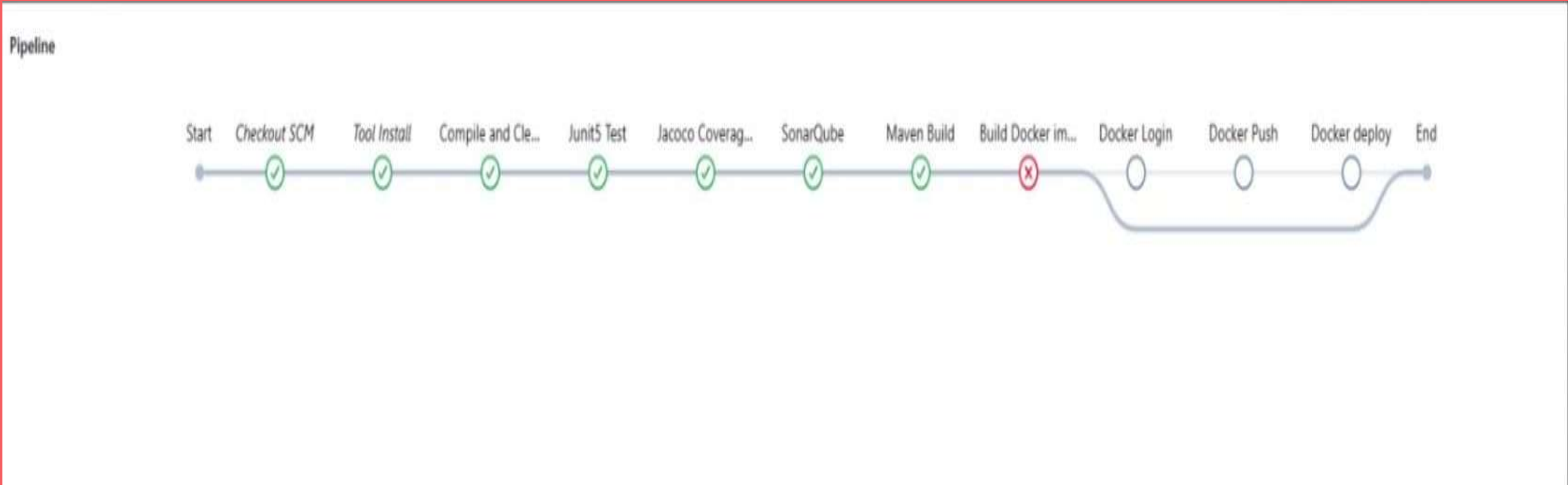
VillageCart HomePage:

Village Cart

Shop by Category

Fruits

All Products

Login Page:

Village Cart!!

Customer Login

Please select your role and login

kattaharshavardhan56@gmail.com

········

Forgot Password?

Login

Back to Selection

Don't have an account? **Sign Up**

Seller Home Page:

Village Cart

🔍   😀   **Add Product**   😀

Total Orders	Total Products	Total Revenue
6 🛒	6 📦	₹0 ₨

My Products

See All Products →

Onion

Stock remaining: 0

Out of Stock

Price: ₹20 /kg

(0.0 / 5)

Milk

Stock remaining: 4

Price: ₹45 /litre

⭐⭐⭐⭐⭐

(5.0 / 5)

Tomato

Stock remaining: 13

Price: ₹30 /kg

No ratings yet

Recent Orders

See All Orders →

Order ID: 113

Milk

Quantity: 1

Order ID: 111

Tomato

Quantity: 1

Order ID: 83

Milk

Quantity: 1

Product Details :

Product Details

Name: Strawberry

Description: Fresh and organic

Quantity: 49 kg

Price: ₹120 per kg

Rating: ⭐⭐⭐⭐⭐ (5.0 / 5, 1 ratings)

Customer Feedback

- *"Delicious"*

[✏ Edit Product] [🗑 Delete Product]

Customer Home Page:

Village Cart

My Profile

My Orders

Logout

Milk
Buffalo Milk

₹45/kg

5 kg available

Add to Cart

Tomato
Fresh, ripe tomatoes handpicked from organic farms.

₹30/kg

Banana
Fresh, nutritious bananas directly from the farm.

₹40/kg

6 kg available

Beetroot
Fresh and Organic

₹50/kg

25 kg available

Add to Cart

Alphonso Mangoes
Premium quality Alphonso mangoes sourced directly from Ratnagiri farms.

₹200/kg

Admin :

VillageCart Admin

Sellers

Back to Home

Harsha Vardhan

Email: kattaharshavardhan67@gmail.com

Phone: 8217427342

Location: Hyderabad, Telangana

Status: active

Products: 6

Payal Burman

Email: payalburman129@gmail.com

Phone: 7292939997

Location: Hyderabad, Telangana

Status: ACTIVE

Products: 0

Roopa Anche

Email: rupaanche@gmail.com

Phone: 8712105048

Location: Hyderabad, Telangana

Status: ACTIVE

Products: 5

Farhat Tasnim

Email: tasnimf438@gmail.com

Phone: 6371325430

Location: Hyderabad, Telangana

Status: ACTIVE

Products: 7

Payal Burman

Email: payalburman1209@gmail.com

Phone: 7292938895

Location: Hyderabad, Telangana

Status: ACTIVE

Products: 0

567 sdgfhgj

Email: 2100030247cseh@gmail.com

Phone: 7865432879

Location: rtyui, rthyjk

Status: ACTIVE

Products: 0

Invoice :

villageCart
Your Village Shopping Experience

INVOICE
#110

STATUS
ORDERED

Customer

Katta Harsha Vardhan

Ballikurava
Addanki, India
523301

Seller

Roopa Anche

Kushaiguda
Hyderabad, Telangana
500062

Mango

Fresh and juicy mangoes.

UNIT PRICE	QUANTITY	TOTAL
₹100.00	1	₹100.00

Payment

Subtotal	₹100.00
Shipping	Free
Total Amount	₹100.00

Thank you for your purchase!

If you have any questions about this invoice, please contact us at support@villagecart.com

Thank You

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