

# VENDR

## A WEB BASED STOREFRONT

Let's start!



vendr-deployment.vercel.app



# WHAT IS

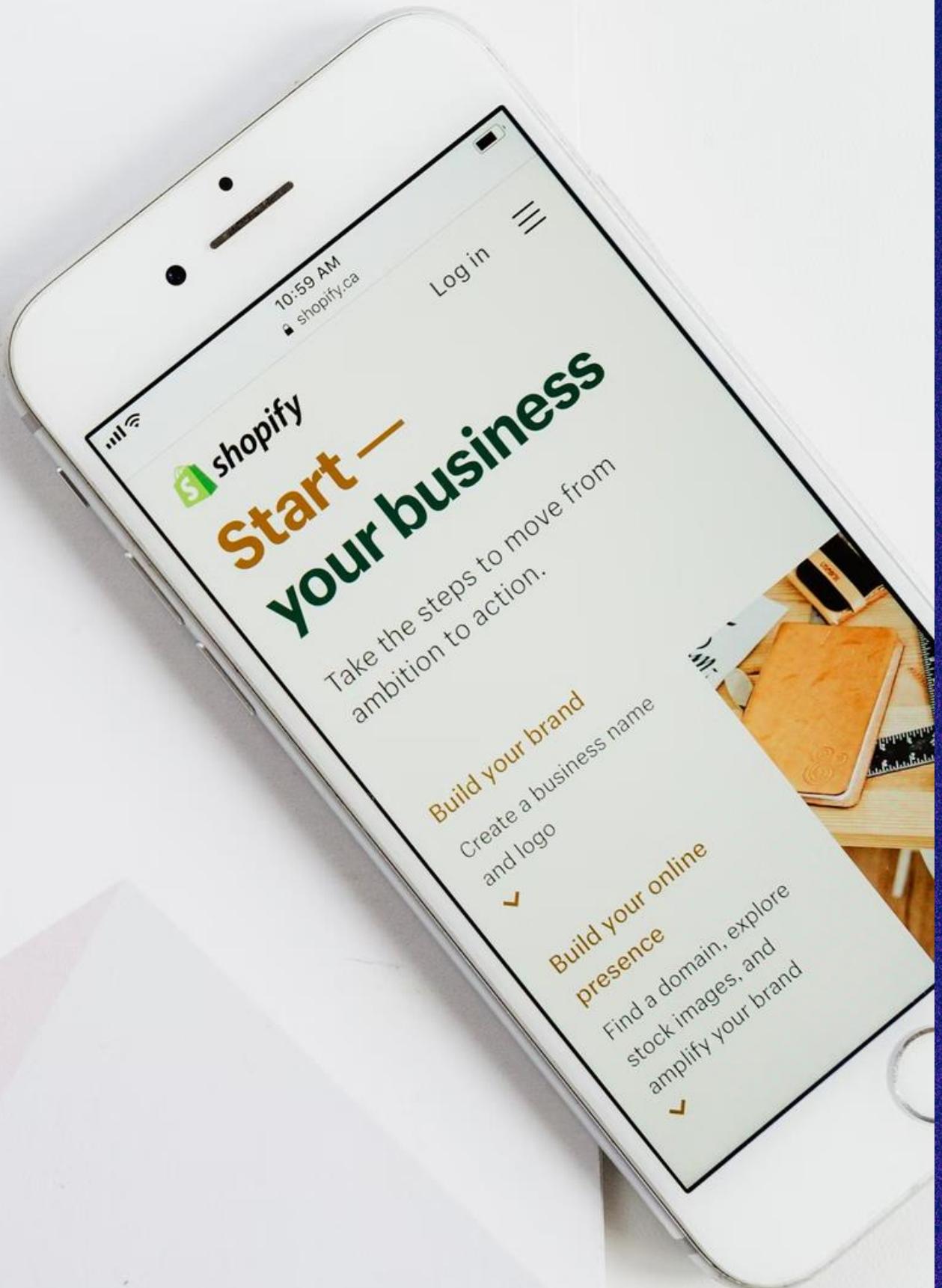
VENDR



Vendr is a dynamic and fully functional e-commerce application crafted to revolutionize the online shopping experience. At its core, Vendr is a sophisticated platform that connects buyers and sellers in a seamless digital marketplace. Built using the MERN (MongoDB, Express.js, React.js, Node.js) stack, Vendr boasts a modern and intuitive user interface powered by React and Redux, ensuring a smooth and responsive browsing experience. With Express.js handling API requests and MongoDB Atlas providing a secure cloud-based database solution, Vendr offers a robust infrastructure that supports the entire e commerce process, from product discovery to order fulfilment. By integrating SquareUp for secure payment processing, Nodemailer for efficient email communication, and JWT with passport for authentication, Vendr prioritizes user security and satisfaction, setting a new standard for online retail platforms.

# WHY DID WE CHOOSE

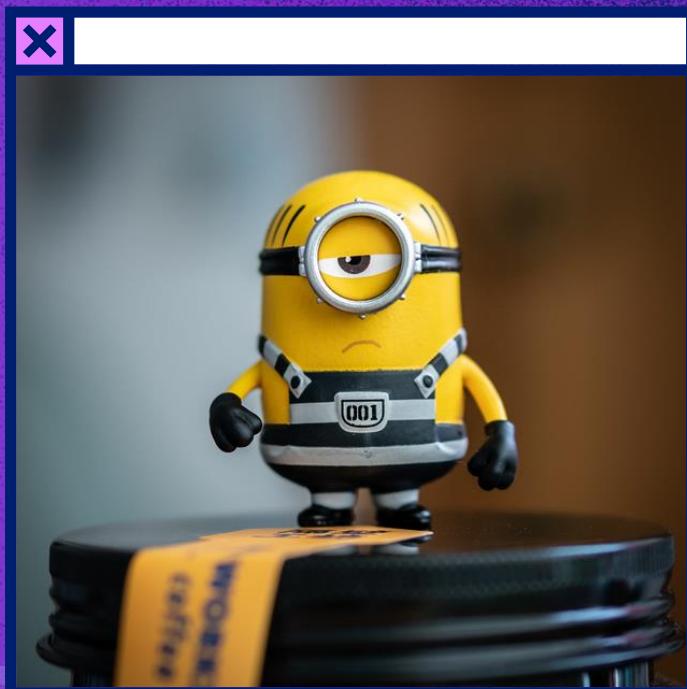
VENDR



Vendr was chosen as a project for its potential to address the growing demand for innovative e-commerce solutions. In today's digital age, online shopping has become an integral part of daily life for millions worldwide. However, existing e-commerce platforms often lack the customization, security, and scalability needed to meet the evolving needs of both buyers and sellers. By developing Vendr, we aimed to fill this gap by creating a comprehensive ecommerce solution that leverages cutting-edge technologies and best practices. Vendr's modular architecture and extensive feature set make it an ideal choice for businesses looking to establish or enhance their online presence. Moreover, by open-sourcing Vendr, we encourage collaboration and contribution from the developer community, fostering innovation and continuous improvement in the realm of e-commerce technology. Ultimately, choosing Vendr as a project aligns with our commitment to delivering impactful and scalable solutions that empower businesses and elevate the online shopping experience for consumers worldwide.

# MEET THE TEAM

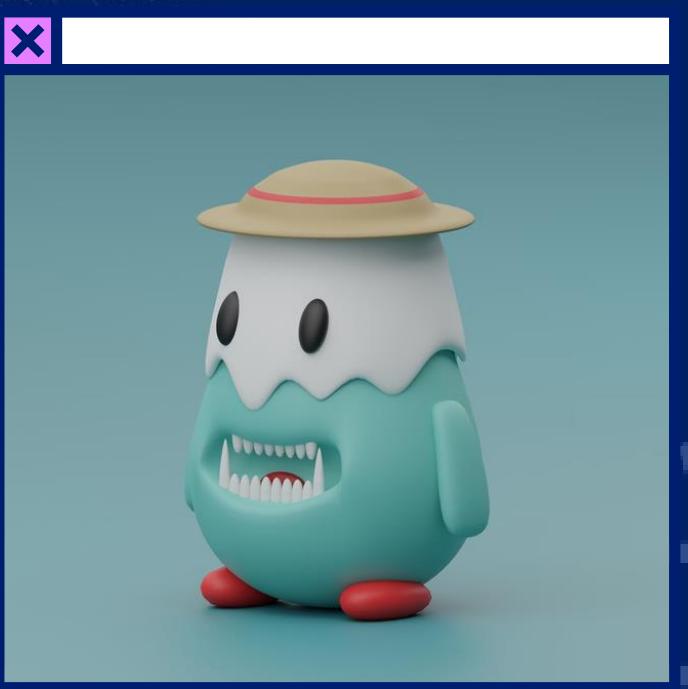
Presenting our dynamic team: Abhik Gupta leads with full-stack expertise. Nishchay Chandok weaves frontend magic, John P Varghese shines in banckend brilliance and Yatin Hooda brings database expertise. Together we craft unforgettable experience.



**Abhik**



**Yatin**



**Nishchay**



**John**

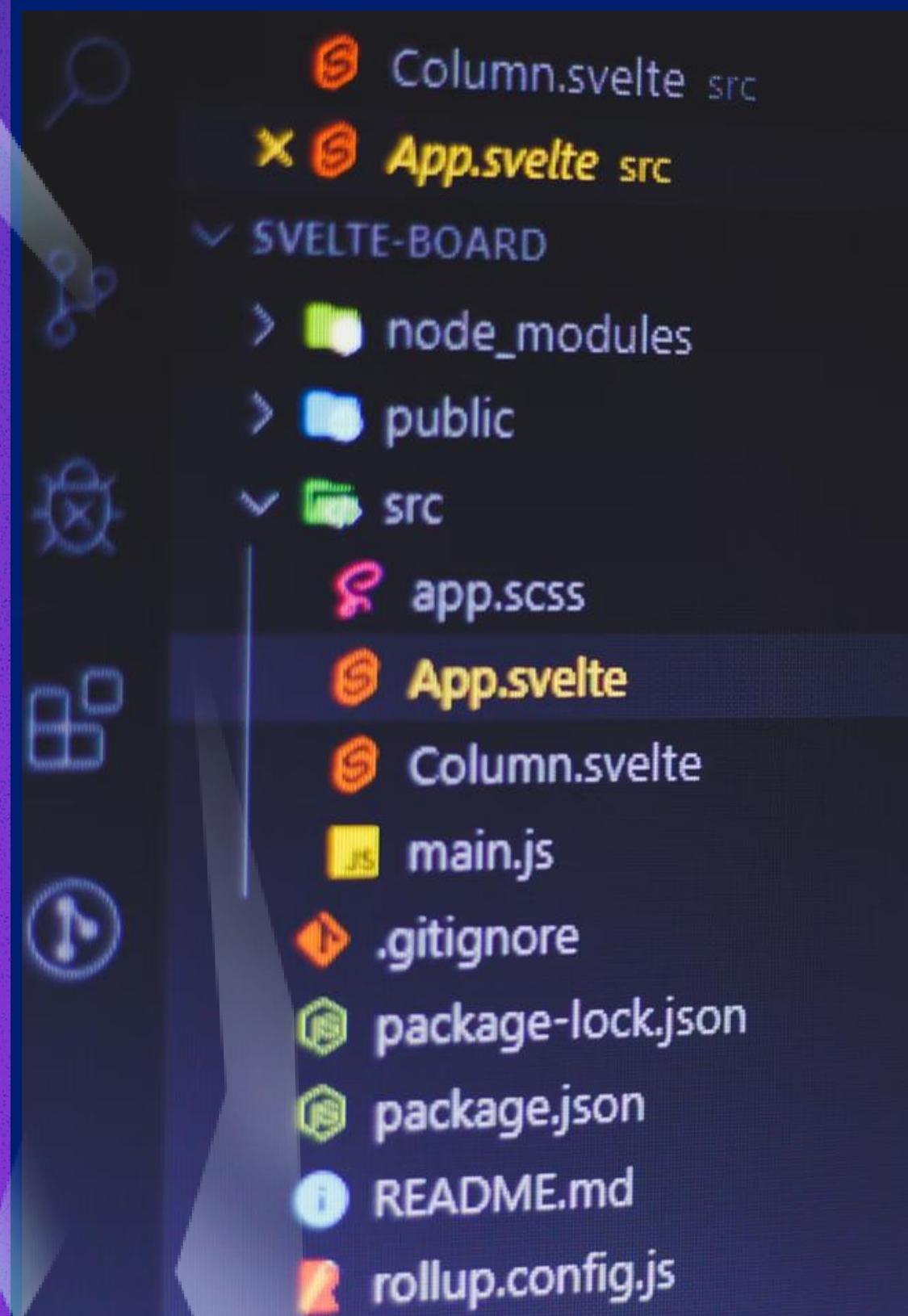


# TECH STACK USED FOR

## Vendr - Frontend

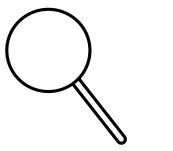


1. **@HEROICONS/REACT**
2. **@REDUXJS/TOOLKIT**
3. **@STRIPE/REACT-STRIPE-JS**
4. **@STRIPE/STRIPE-JS**
5. **@TAILWINDCSS/ASPECT-RATIO**
6. **@TAILWINDCSS/FORMS**
7. **@TESTING-LIBRARY/JEST-DOM**
8. **@TESTING-LIBRARY/REACT**
9. **@TESTING-LIBRARY/USER-EVENT**
10. **JSON-SERVER**
11. **REACT**
12. **REACT-DOM**
13. **REACT-HOOK-FORM**
14. **REACT-LOADER-SPINNER**
15. **REACT-REDUX**
16. **REACT-ROUTER-DOM**
17. **REACT-SCRIPTS**
18. **REACT-SQUARE-WEB-PAYMENTS-SDK**
19. **REACT-TOASTIFY**
20. **WEB-VITALS**
21. **REACT**



# TECH STACK USED FOR

Vendr - Backend



1. COOKIE-PARSER
2. CORS
3. DOTENV
4. EXPRESS
5. EXPRESS-SESSION
6. JSONWEBTOKEN
7. MONGOOSE
8. NODEMAILER
9. NODEMON
10. PASSPORT
11. PASSPORT-JWT
12. PASSPORT-LOCAL
13. PATH
14. STRIPE

```
    }
    marks WHERE subject_ID=" +
setsWithSubject) {
  if (setsWithSubject.length > 0) {
    Average = 0;
    setsWithSubjectLength = datasetsWithSubject.length;
    datasetsWithSubject.forEach((dataset) =>
      letAverage += parseFloat(dataset.subject_marks));
    Average =
      letAverage / datasetsWithSubjectLength;
  }
}
```



# FULLY IMMERSIVE EXPERIENCE

1

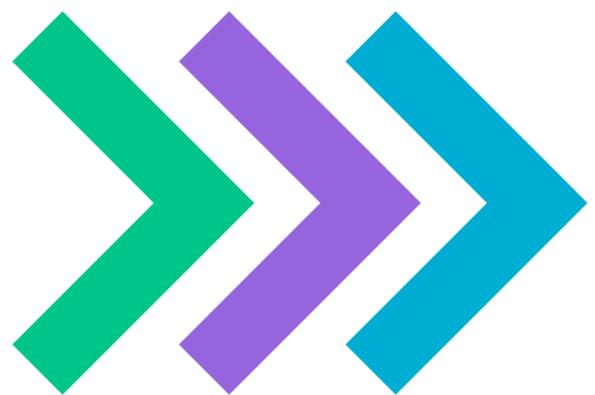
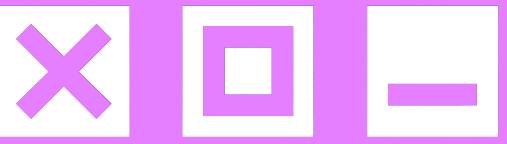
## STEP 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

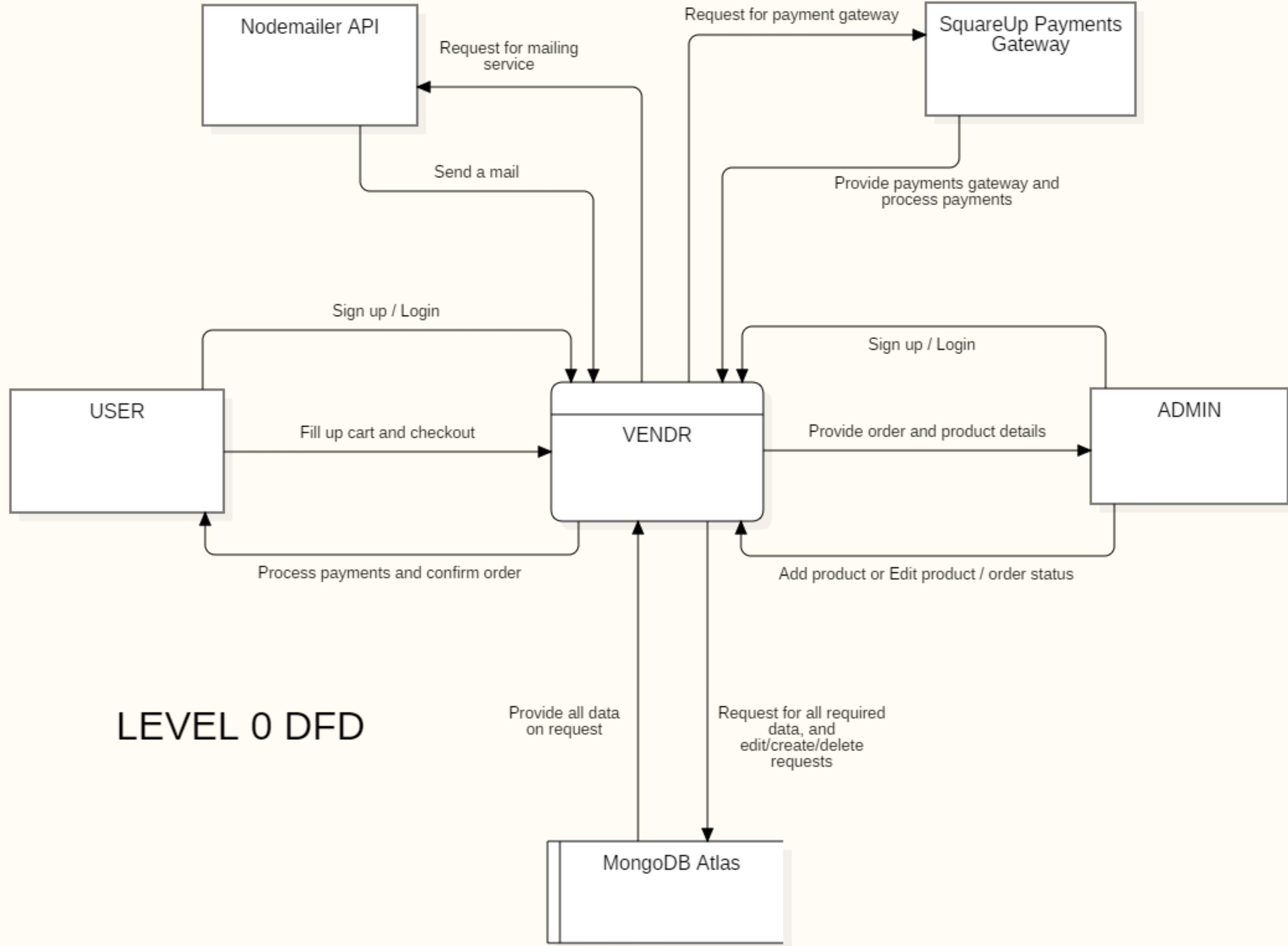
2

## STEP 2

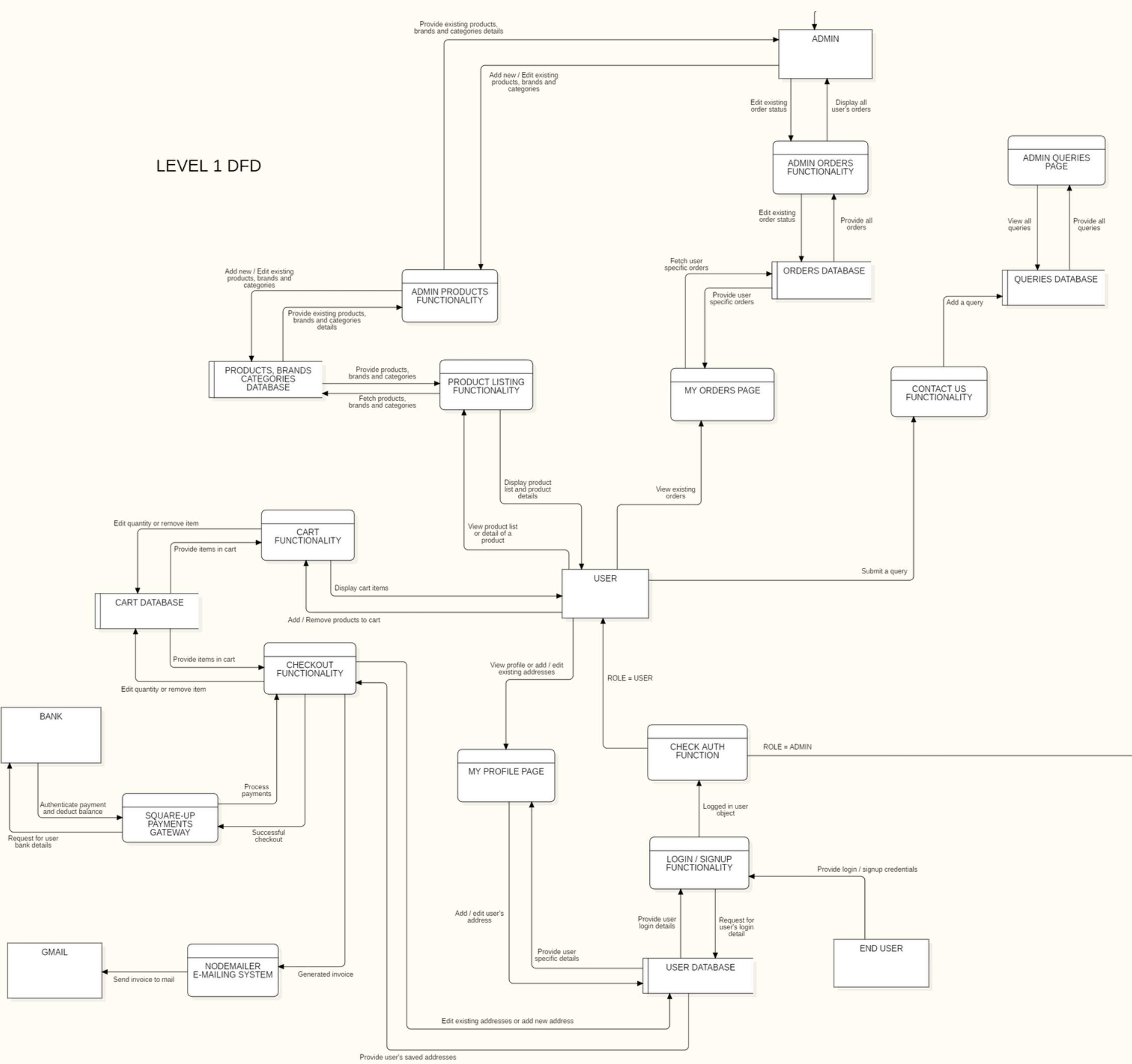
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

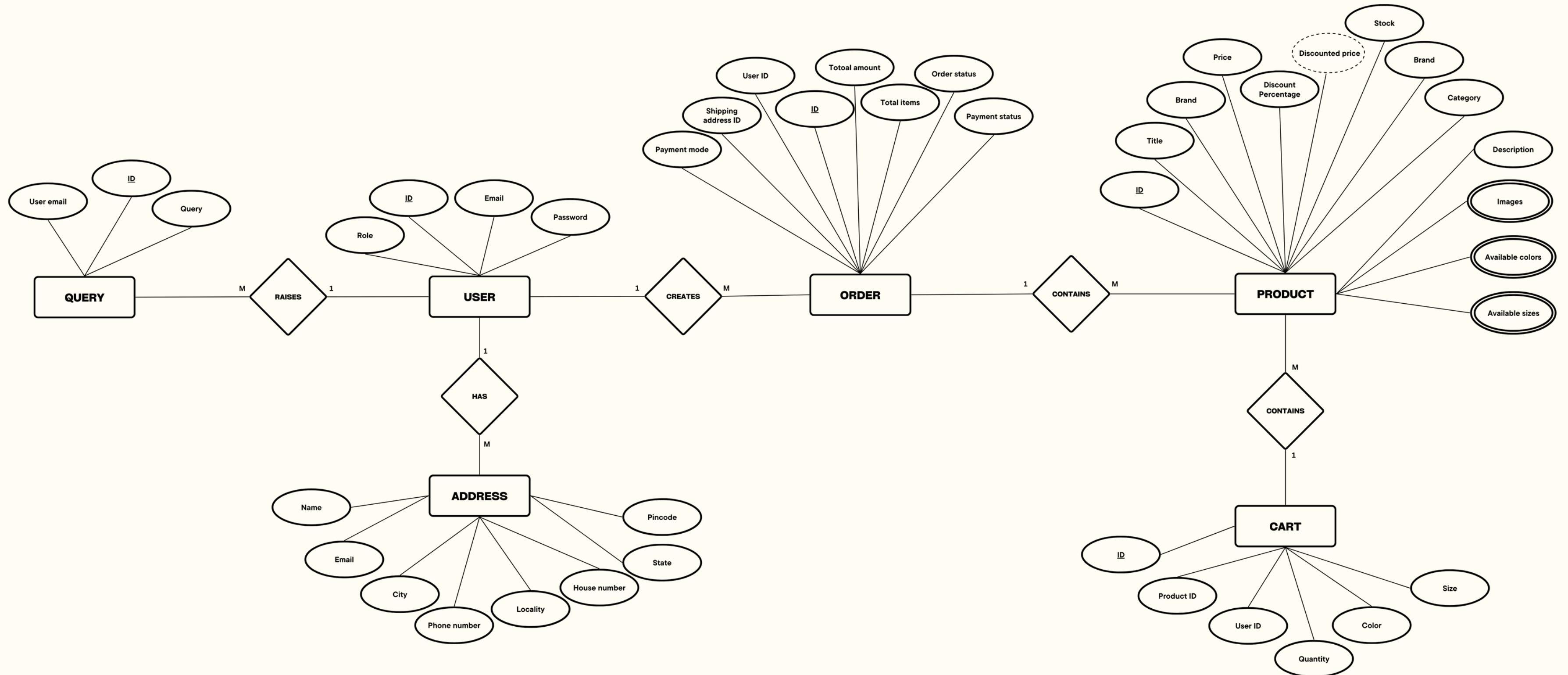


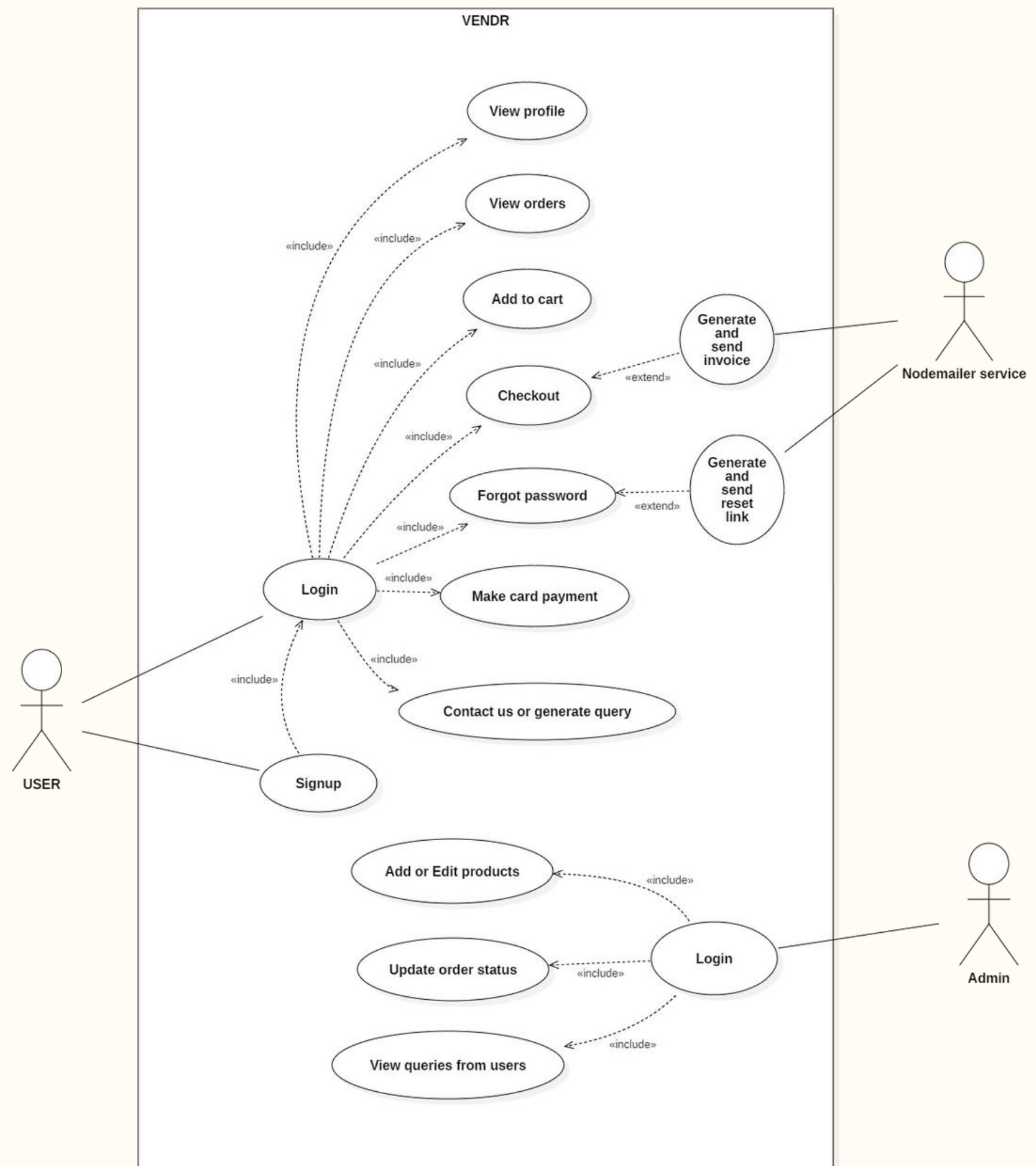
**The next few pages will show  
UML Diagrams of our project.**



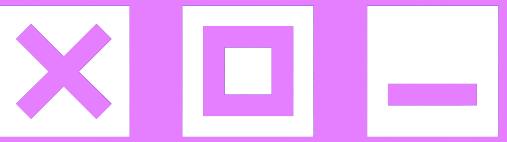
## LEVEL 1 DFD







USE CASE DIAGRAM



**The next few pages will show  
output screens of our project.**



[Sign in to your account](#)

Email address

### Password

[Forgot password?](#)

[Log in](#)

Does not have an account? [Sign up](#)



## Create an account

Email address

Password

Confirm Password

Sign Up

Already have an account? [Log in](#)

# Vendr

## All Products

Sort ▾



Category



Brand



Casual Tshirt

\$16

★ 0/5



Men Slim Fit Jeans

\$35

★ 0/5



iPhone 15 Pro Max

\$1647

★ 0/5



Galaxy  
S24 Ultra



Xiaomi 14 Ultra





Products

About Us

Contact Us



# Vendr

Roadster



## Casual Tshirt

100% Original Products. Pay on delivery might be available. Easy 14 days returns and exchanges!

Highlights

- 100% Cotton

\$16

~~\$18~~



Color

vendr-deployment - Deployment X VENDR - Shop Smart & Easy X +

vendr-deploymentvercelapp/cart

Cart

---

	Dime 3 Pro Skullcandy Qty 1 <input type="button" value="1 ▾"/>	\$30
	Casual Tshirt Roadster Qty 1 <input type="button" value="1 ▾"/>	\$16
Subtotal		\$46
Total Items in Cart		2
Shipping and taxes calculated at checkout.		
<a href="#">Checkout</a>		
or <a href="#">Continue Shopping →</a>		

## Personal Information

Use a permanent address where you can receive mail.

Full name

Email address

Phone number

House Number

Locality

City

State / Province

PIN / Postal code

Reset

Add address

## Address

Choose from existing saved addresses.

Abhik Gupta (Home)

Phone: 7042053577

Email: abhikgupta01@gmail.com

RZ-29, 2nd Floor - Hanspark, West Sagarpur

New Delhi

Delhi - 110046

Abhik Gupta (Office)

Phone: 1234567890

Email: abhikgupta01@gmail.com

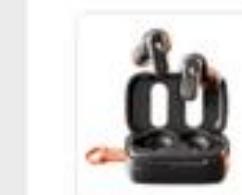
Building 11 - Spartan Commercial Block

Bangalore

Karnataka - 200101

## Cart

Review your cart for one last time



Dime 3 Pro

skullcandy

Qty 1

\$30

Remove



Casual Tshirt

roadster

Qty 1

\$16

Remove

Subtotal

\$46

Total Items in Cart

2

Shipping and taxes calculated at checkout.

Confirm Order

or Continue Shopping →

vendr-deployment - Deployment X VENDR - Shop Smart & Easy X Data | Cloud: MongoDB Cloud X +

vendr-deployment.vercel.app/payment-gateway

Pay with your Card

VISA 4111 1111 1111 1111 11/24 132 11111

Enter the zip code

Pay

Order placed successfully!

**Order Number : #66486b8a407abb9a899b4bc1**

You can check your order in My Account - My orders

[Go back home](#)

Contact support →

vendr-deployment - Deployment X VENDR - Shop Smart & Easy Data | Cloud: MongoDB Cloud - +

vendr-deployment.vercel.app/about

Products About Us Contact Us

Vendr

ABOUT US

# Shop Smart & Easy - VENDR

The primary objective of "Vendr," a web-based storefront application, is to provide a seamless, efficient, and scalable online shopping platform. By leveraging the MERN framework, Vendr aims to offer both individual users and businesses a robust environment for displaying and managing an extensive range of products. The application will integrate advanced functionalities like secure payment transactions through Stripe, comprehensive product management, and a personalized shopping experience, with an emphasis on high performance and user-friendly interfaces.

"Vendr" is not just a product of technology; it's the culmination of relentless dedication and teamwork. Crafted by the hands and minds of Abhik Gupta, John P Varghese, Yatin Hooda, and Nishchay Chandok, this project embodies the spirit of collaboration and shared vision. Their collective efforts have been the driving force behind the realization of this ambitious endeavor. With each member contributing their unique skills and expertise, "Vendr" has been shaped into a sophisticated and innovative e-commerce solution, poised to make its mark in the digital marketplace.



Visit our website Watch how we built this

vendr-deployment - Deployment X VENDR - Shop Smart & Easy Data | Cloud: MongoDB Cloud +

vendr-deployment.vercel.app/contact

Products About Us Contact Us

Vendr

Tell us what is your issue  
We will try to reach out to you as soon as possible.

Your query

Enter your issue here

Cancel Submit

[Products](#)[About Us](#)[Contact Us](#)

# Vendr

## Name: GUEST

Email address: abhikgupta01@gmail.com

Phone number: 7042053577

[Add a new address](#)

### Saved Addresses

#### Abhik Gupta (Home)

Phone: 7042053577

Email: abhikgupta01@gmail.com

RZ-29, 2nd Floor - Hanspark, West Sagarpur

New Delhi

Delhi - 110046

[Edit](#)[Remove](#)

#### Abhik Gupta (Office)

Phone: 1234567890

Email: abhikgupta01@gmail.com

Building 11 - Spartan Commercial Block

Bangalore

Karnataka - 200101

[Edit](#)[Remove](#)

vendr-deployment - Deployment X VENDR - Shop Smart & Easy Data | Cloud: MongoDB Cloud +

vendr-deployment.vercel.app/my-orders

Products About Us Contact Us

Vendr

Order number - #66411ca87f582d64932b166e

Order status - Confirmed

	Casual Tshirt Roadster	\$14	
	Qty: 2	Color: Red	Size: XL
	Men Slim Fit Jeans Levis	\$35	
	Qty: 2	Color: Blue	Size: XL
<b>Subtotal</b>		<b>\$98</b>	
<b>Total Items in Cart</b>		<b>4</b>	
<b>Shipping Address</b>			
Abhik Gupta (Home)		RZ-29, 2nd Floor - Hanspark, West Sagarpur	
Phone: 7042053577		New Delhi	
Email: abhikgupta01@gmail.com		Delhi - 110046	
<b>Payment Mode</b>			
Payment via Cash			

Order number - #66411ce87f582d64932b171a

Order status - Delivered

vendr-deployment - Deployment | VENDR - Shop Smart & Easy | Data | Cloud: MongoDB Cloud | Vendr - Order Invoice - abhikg... + mail.google.com/mail/u/0/#inbox/

99+ Gmail Search in emails Active

Compose Mail Chat Meet Labels

Inbox 10,638 Starred Snoozed Sent More

Vendr - Order Invoice

Vendr to me 14:24 (1 minute ago)

 Thank you for your order!

Here is a summary of your recent order from Vendr :)

Order ID : 66486b8a407abb9a899b4bc1

Items	Quantity	Price
Dime 3 Pro (Skullcandy)	1	\$30
Casual Tshirt (Roadster)	1	\$16
<b>Total</b>	<b>2</b>	<b>\$46</b>

**Delivery Address**

Abhik Gupta (Office)  
Phone: 1234567890  
Building 11, Spartan Commercial Block, Bangalore  
Bangalore - 200101



Enter your email address to reset  
password

Email address

abhikgupta01@gmail.com

Send email

Want to login instead? [Log in](#)

vendr-deployment - Deployment | VENDR - Shop Smart & Easy | Data | Cloud: MongoDB Cloud | Reset your Vendr password -

mail.google.com/mail/u/0/#inbox/

Gmail Search in emails Active

Compose Mail 99+ Inbox 10,638 Starred Snoozed Sent More Labels

Reset your Vendr password

Vendr to me Click [here](#) to reset your password

Reply Forward

1 of 11,412

Print Share 14:31 (0 minutes ago)

Compose Chat Meet

Labels +



## Reset your password

New password

.....

Confirm new password

.....

**Reset password**

Want to login instead? [Log in](#)



Admin Products

Admin Orders

Admin Queries



# Vendr

## All Products

Sort ▾



Category

+ Add new product

Brand



Casual Tshirt

\$16

★ 0/5

Edit product



Men Slim Fit Jeans

\$35

★ 0/5

Edit product

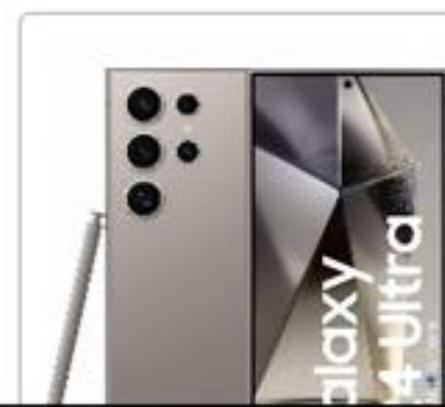


iPhone 15 Pro Max

\$1647

★ 0/5

Edit product



galaxy  
Ultra



iPhone 14 Ultra



Vendr Admin Orders									
Order ID	Items	Total Amount	Payment Mode	Payment Status	Order Time	Last Updated	Shipping Address	Order Status	Actions
#166e	Casual Tshirt - \$14 - (2) Men Slim Fit Jeans - \$35 - (2)	\$98	Cash	Pending	5/13/2024, 1:16:48 AM	5/13/2024, 1:22:04 AM	Abhik Gupta (Home) RZ-29, 2nd Floor - Hanspark, West Sagarpur New Delhi - Delhi - 110046	Confirmed	
#171a	K480 Wireless Keyboard - \$33 - (5) G402 Hyperion Fury - \$29 - (5) Slope Anti Theft - \$28 - (5)	\$450	Card	Received	5/13/2024, 1:17:52 AM	5/13/2024, 1:22:10 AM	Abhik Gupta (Office) Building 11 - Spartan Commercial Block Bangalore - Karnataka - 200101	Delivered	
#1784	14 Ultra - \$1159 - (1) Notebook Pro - \$828 - (1)	\$1987	Cash	Pending	5/13/2024, 1:19:57 AM	5/15/2024, 1:59:06 AM	Abhik Gupta (Home) RZ-29, 2nd Floor - Hanspark, West Sagarpur New Delhi - Delhi - 110046	Dispatched	
#17b6	Spiral Notebook - \$4 - (5)	\$20	Card	Received	5/13/2024, 1:20:16 AM	5/13/2024, 1:22:13 AM	Abhik Gupta (Office) Building 11 - Spartan Commercial Block Bangalore - Karnataka - 200101	Shipped	
#a1d8	Galaxy S24 Ultra - \$1478 - (1) Galaxy Book4 Pro - \$1519 - (1)	\$2997	Card	Received	5/16/2024, 3:44:14 PM	5/16/2024, 3:46:27 PM	Yatin Hooda Flat 11A - Madini New Delhi - Delhi - 110069	Confirmed	
	Casual Tshirt - \$14 - (2)						Yatin Hooda		

vendr-deployment.vercel.app/admin/queries		
 Admin Products   Admin Orders   Admin Queries		
Vendr		
EMAIL ADDRESS	QUERY	SENT AT
abhikgupta01@gmail.com	venenatis urna cursus eget nunc scelerisque viverra mauris in aliquam!	5/16/2024, 2:49:18 PM
abhikgupta01@gmail.com	augue interdum velit euismod in pellentesque massa placerat duis ultricies lacus sed turpis tincidunt id aliquet risus feugiat in ante metus dictum at tempor commodo ullamcorper a lacus vestibulum sed...	5/16/2024, 2:49:52 PM
yatin@gmail.com	augue interdum velit euismod in pellentesque massa placerat duis ultricies lacus sed turpis tincidunt id aliquet risus feugiat in ante metus dictum at tempor commodo ullamcorper a lacus vestibulum sed!	5/16/2024, 2:50:18 PM
yatin@gmail.com	bibendum est ultricies integer quis auctor elit sed vulputate mi sit amet mauris commodo quis imperdiet massa tincidunt nunc pulvinar sapien et ligula ullamcorper malesuada proin libero nunc consequat interdum varius sit amet mattis vulputate enim nulla aliquet porttitor lacus luctus accumsan tortor posuere ac ut consequat semper viverra nam libero justo laoreet sit amet cursus sit amet dictum sit?	5/16/2024, 2:50:28 PM
abhikgupta01@gmail.com	lobortis elementum nibh tellus molestie nunc non blandit massa enim nec dui nunc mattis enim ut tellus elementum sagittis vitae!	5/16/2024, 3:03:05 PM
abhikgupta01@gmail.com	in cursus turpis massa tincidunt dui ut ornare lectus sit amet est placerat in egestas erat imperdiet sed euismod nisi.	5/16/2024, 3:03:13 PM
yatin@gmail.com	magna eget est lorem ipsum dolor sit amet consectetur adipiscing elit pellentesque habitant morbi tristique senectus et netus et malesuada...	5/16/2024, 3:03:43 PM
yatin@gmail.com	et netus et malesuada fames ac turpis egestas integer eget.	5/16/2024, 3:03:55 PM
yatin@gmail.com	Test query	5/16/2024, 3:13:34 PM
yatin@gmail.com	hello	5/16/2024, 3:44:59 PM
abhikgupta01@gmail.com	hello world	5/17/2024, 6:55:13 PM

# OBJECTIVE OF



The objective of the Vendr project is to develop a robust and user-friendly e-commerce platform that facilitates seamless online shopping experiences. By leveraging modern technologies like the MERN stack (MongoDB, Express, React, and Node.js), Vendr aims to provide users with a secure and intuitive interface for browsing, selecting, and purchasing products. The platform also integrates essential features such as user authentication, secure payments via SquareUp, and real-time order tracking to ensure a comprehensive and satisfying shopping journey.

# SCOPE OF



The scope of Vendr encompasses both user-facing and administrative functionalities to cover the full spectrum of e-commerce operations. For users, Vendr offers pages for login, signup, product browsing, cart management, checkout, and order tracking. The platform also includes password recovery, payment processing, and user profile management. On the administrative side, Vendr features an admin panel with capabilities for managing products, processing orders, and handling user queries. The use of MongoDB Atlas for cloud-based data storage ensures scalability and reliability, while deployment on Vercel ensures high availability and performance.

# SUMMARY OF



Vendr is a feature-rich e-commerce application designed to streamline the online shopping experience for both buyers and sellers. Leveraging the power of the MERN stack, Vendr offers a responsive and scalable platform that caters to the diverse needs of modern e-commerce. With secure authentication mechanisms, robust payment processing, and efficient email functionality, Vendr prioritizes user security and satisfaction. Whether it's browsing through a vast array of products, making secure transactions, or managing orders with ease, Vendr provides a comprehensive solution for all e-commerce requirements. By harnessing cutting edge technologies and adhering to best practices, Vendr sets a new standard for online retail platforms, promising a seamless and enjoyable shopping experience for users worldwide.

# FUTURE SCOPE

Our vision



1. IMPLEMENT AI FOR PERSONALIZED PRODUCT RECOMMENDATIONS BASED ON USER BEHAVIOR AND PAST PURCHASES TO BOOST SALES AND SATISFACTION.
2. EXPAND VENDR INTO A MULTI-VENDOR MARKETPLACE, ALLOWING VARIOUS SELLERS TO LIST PRODUCTS AND MANAGE INVENTORY INDEPENDENTLY.
3. INTEGRATE AR TO LET CUSTOMERS VISUALIZE PRODUCTS IN THEIR ENVIRONMENT, ENHANCING BUYING CONFIDENCE.
4. ADAPT VENDR FOR INTERNATIONAL MARKETS WITH MULTI-LANGUAGE SUPPORT, MULTI-CURRENCY PRICING, AND LOCAL PAYMENT GATEWAYS.
5. DEVELOP A MOBILE APP FOR CONVENIENT SHOPPING AND ACCOUNT MANAGEMENT.
6. USE BLOCKCHAIN FOR ENHANCED TRANSACTION SECURITY AND TRANSPARENCY.
7. INTEGRATE VOICE COMMERCE CAPABILITIES WITH VOICE ASSISTANTS.
8. ENHANCE ANALYTICS FOR ACTIONABLE INSIGHTS AND STRATEGIC DECISION-MAKING.
9. IMPLEMENT A DYNAMIC RATING SYSTEM FOR REAL-TIME FEEDBACK AND USER ENGAGEMENT.



# THANK YOU!

Hope you liked the project

[vendr-deployment.vercel.app](https://vendr-deployment.vercel.app)

