

SHOPEZ

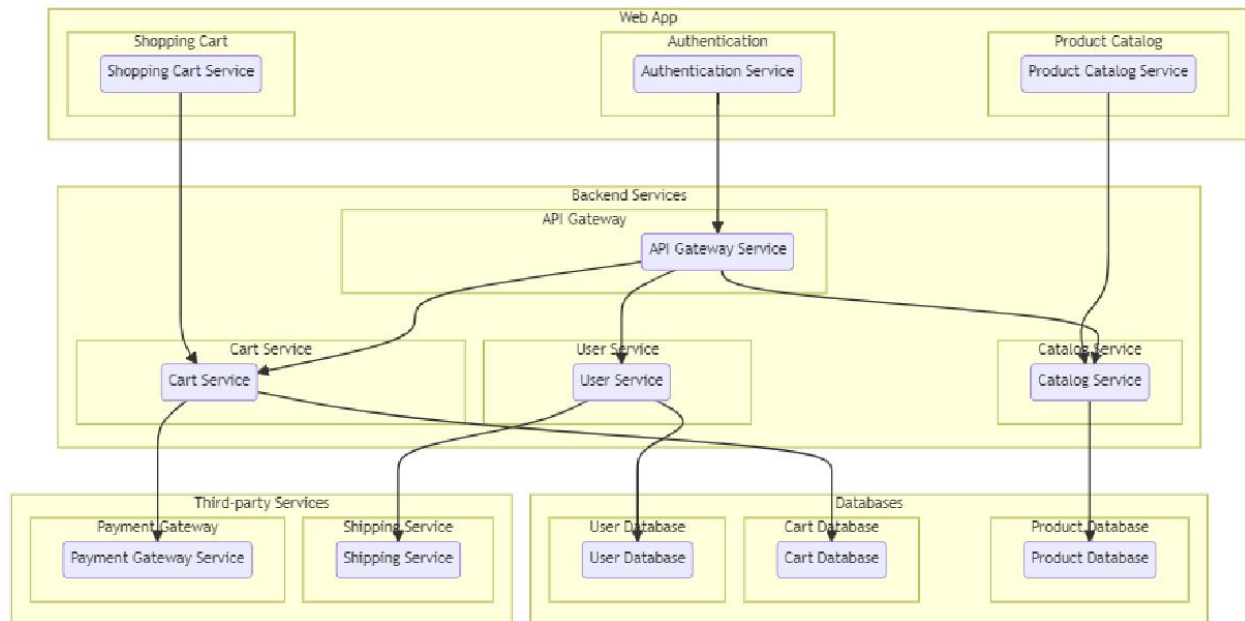
Smart Shopping Made Simple

Welcome to the complete beginner-friendly documentation for **ShopEZ**, a full-stack online shopping platform. This version is designed specifically for end-users and learners. Every section is written in clear language and explains each concept or step in about 10 lines. No developer roles or icons are included.

What is ShopEZ?

ShopEZ is an online shopping platform. It helps customers find and buy products easily from the comfort of their home. The app also allows sellers (admins) to manage product listings and monitor orders. It is designed with a clean interface and smooth user experience. Both mobile and desktop devices are supported. The website shows products with images, details, and price. Users can register and log in to use their personal cart and order history. Every action like browsing, adding to cart, and checkout is simple. ShopEZ aims to be fast, secure, and user-friendly. The entire platform is built with modern web technologies.

Technical Architecture:



Features for Customers:

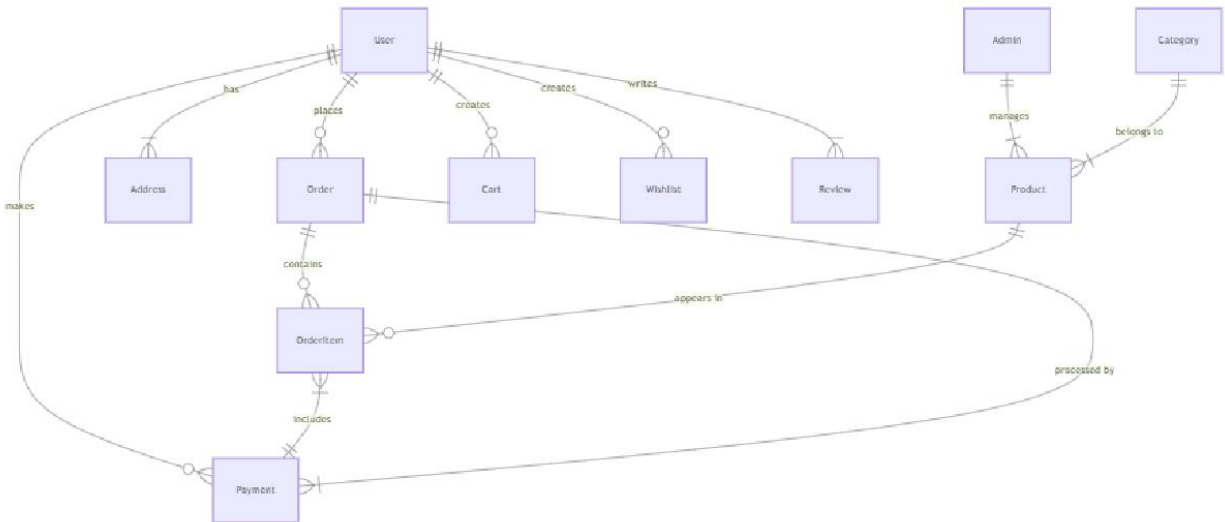
Customers can create an account or log in. They can view available products with filters like category or price. Each product has a detail page with image, description, and price. Users can add any number of items to their shopping cart. The cart keeps track of all selected items until checkout. Customers can update quantity or remove products from the cart. A total cost is shown at the bottom. The final checkout collects shipping address and submits the order. Order history is saved in the user's profile.

Features for Admins:

Admins can log in using a special admin account. They can add new products to the site with name, price, and image. Admins can update or delete products at any time. All orders placed by users can be seen in the admin dashboard. Admins can also update the status of an order, such as marking it as shipped. The admin panel is separate and only accessible with special login. Admins can view analytics to see order trends. These tools help sellers manage their online store. Admin actions are secure and verified with authentication

System Architecture:

ShopEZ is built using a frontend, backend, and database. The frontend is what users see in the browser. It is created using React.js for dynamic user interface. The backend is made using Node.js and Express.js. It handles API requests like getting products and placing orders. The database is MongoDB, which stores all data such as users, products, and orders. The frontend talks to the backend through secure APIs. The backend then fetches data from or saves it to the database. This structure keeps data safe and the app running fast.



Key features:

Product Catalog: Our grocery-webapp app provides an extensive product catalog with various categories and subcategories. Users can easily search, browse, and filter products based on their preferences, making it effortless to find the desired items.

Shopping Cart and Checkout: The app includes a shopping cart feature that enables users to add products, review their cart, and proceed to checkout. The checkout process offers multiple payment options, ensuring a smooth and secure transaction experience.

Product Reviews and Ratings: Customers can provide feedback and rate products, helping other users make informed purchasing decisions. This feature fosters a sense of community and trust among users.

Order Tracking: Once an order is placed, users can track its status in real-time. They receive updates on order processing, shipping, and delivery, providing transparency and peace of mind.

Admin Dashboard: For administrators, our grocery-webapp offers a comprehensive dashboard to manage products, inventory, orders, and customer information. It provides insights into sales performance, stock levels, and customer analytics, enabling efficient business operations.

Order Management: The app manages the order lifecycle, including order placement, tracking, and status updates. Users can view their order history, track shipments, and request returns or cancellations.

Search and Filtering: Users can search for products using keywords and apply filters to narrow down the search results based on criteria such as price range, brand, or customer ratings.

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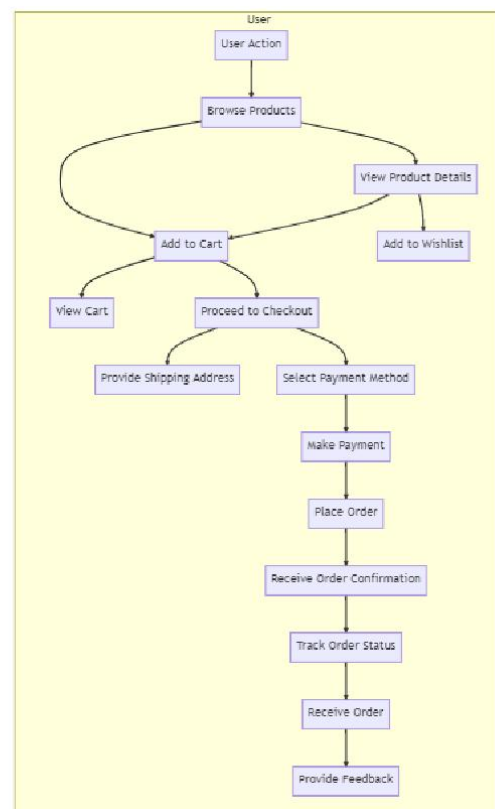
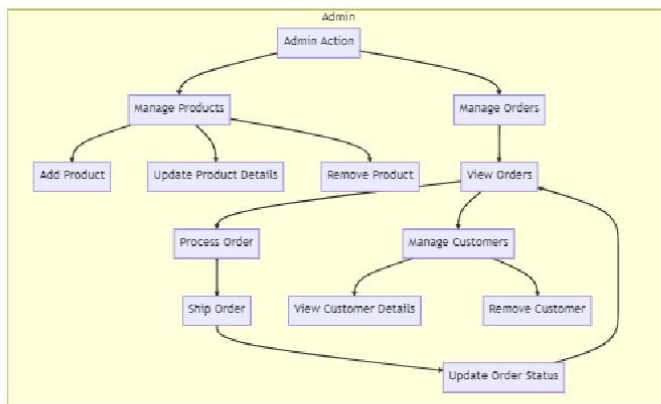
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Admin & User Flow:

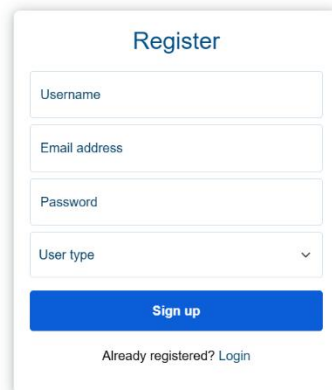


The project flow for a grocery-web app involves user actions such as browsing products, adding items to the cart, proceeding to checkout, providing shipping details, selecting payment methods, making payments, and receiving order confirmation. Admin actions include

managing products, viewing and processing orders, managing customers, and updating product details.

User Registration

To start using ShopEZ, click the Sign-Up button on the homepage. A simple form will ask for your name, email, and password. Fill in your details and click Submit. The system checks if the email already exists. If the registration is successful, you are logged in automatically. You can now browse and use all features. If an error occurs, a message will be shown. Keep your email and password secure. You can log in again later with the same details. The sign-up process is quick and easy.

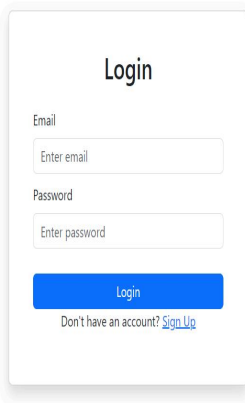


The image shows a 'Register' form with the following fields: Username, Email address, Password, and User type (a dropdown menu). Below these fields is a blue 'Sign up' button. At the bottom of the form, there is a link that says 'Already registered? Login'.

Logging In

Existing users can log in by clicking the Login button. Enter your email and password in the login form. The app checks your credentials and grants access if they match. After logging in, you are redirected to the homepage. Your cart and order history are restored. If you forget your password, a recovery feature may be available in future versions. Always log out after using ShopEZ on a shared device.

You stay logged in until you manually log out. Logging in is essential to place orders.

A login form with a white background and a subtle drop shadow. At the top, the word "Login" is centered in a bold, dark font. Below it, the label "Email" is positioned above a text input field containing the placeholder "Enter email". Further down, the label "Password" is positioned above another text input field containing the placeholder "Enter password". Below the password field is a blue button with the word "Login" in white. At the bottom, there is a link that reads "Don't have an account? [Sign Up](#)".

Exploring Product Categories

The homepage lists all available products. You can also browse by categories like Electronics, Fashion, or Home Essentials. These categories are shown as buttons or links. Clicking a category filters the product list. You see only relevant products for that category. This helps in narrowing down choices. You can always return to viewing all products. The filter is applied instantly. The design makes it easy to switch between different types of products.

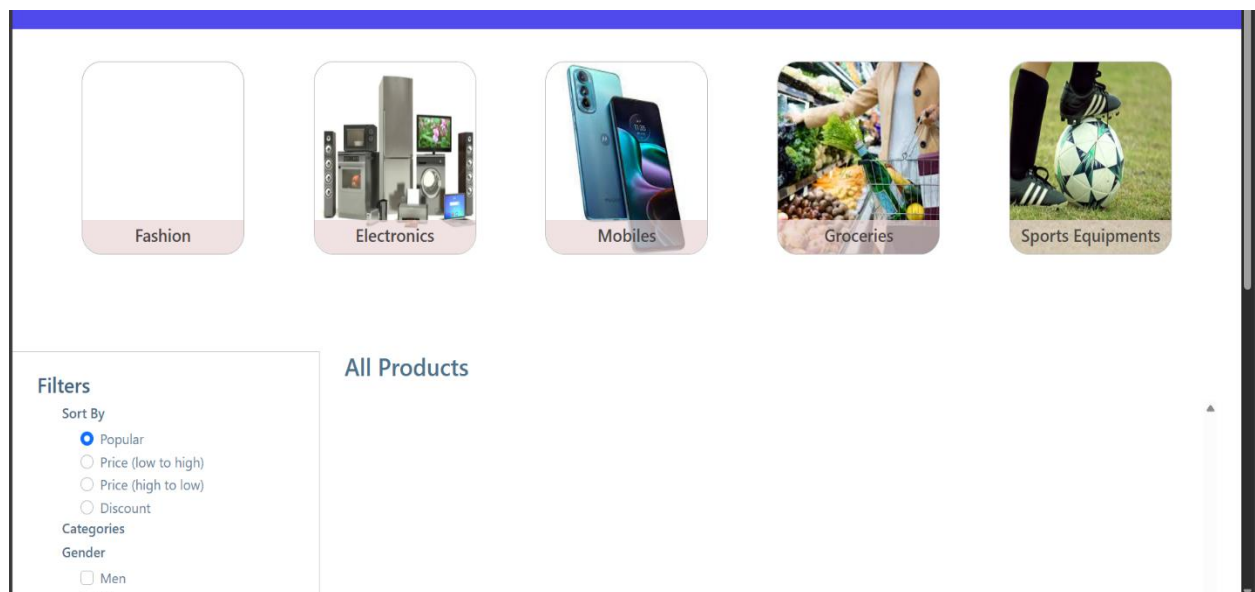
Searching for Products

You can use the search bar to find products. Enter any product name or keyword. The results are displayed as you type. It helps you locate specific items faster. If no

product is found, a message will be displayed. The search function checks product names and descriptions. It improves your shopping experience. Results are updated quickly using smart filtering. You can combine search with filters.

Product Details Page

Clicking a product opens its detail page. Here, you'll see a larger image and complete description. The price, ratings, and reviews are shown. If it's in stock, you can add it to your cart. Some pages show related products. This helps you explore similar items. The layout is clean and easy to understand. It helps you make informed decisions. Reading the description carefully helps avoid confusion.



Adding to Cart

Each product page has an "Add to Cart" button. When clicked, the item is saved in your shopping cart. A notification confirms it was added. You can add the same item multiple times. The cart updates the quantity automatically. The cart icon on

top shows the current count. You can go to your cart page anytime. Cart updates are saved instantly. It's like a digital basket holding your items.

Viewing Your Cart

Click the Cart icon to go to your cart page. All selected products are listed here. Each item shows its name, quantity, and price. You can increase or decrease quantities. You can also remove an item if needed. The cart total is shown at the bottom. Changes update the total immediately. You can review your order before checkout. Cart data is stored securely.

Viewing Order History

Go to your profile and click on Order History. You'll see a list of all past orders. Each entry shows the items, total price, and date. The order status (like shipped or delivered) is shown. You can click to view more details. This helps track your purchases. It also serves as a record for future reference. The layout is clear and informative.

My Orders

Order ID: 6614b085c30b51d3c700f20a
Name: syed arshad
Phone: 9505221870
Date: 2024-04-09T03:05:41.563Z
Price: 400
Status: Pending
Payment Method: credit

My History Page:

My History

Order ID: 6614a8ddc30b51d3c700f1b4
Name: syed arshad
Phone: 9505221870
Date: 2024-04-09T02:36:47.498Z
Price: 400
Status: Delivered
Payment Method: debit

Place Order Page:

localhost:3000/login

Order Details

First Name:

Enter your first name

Last Name:

Enter your last name

Phone:

Enter your phone number

Quantity:

Enter the quantity

Address:

Enter your address

Payment Method:

Cash on Delivery (COD)

Submit

Dashboard

Product Count
6 Products
[View Products](#)


User Count
1 Users
[View Users](#)

Order Count
2 Orders
[View Orders](#)

Add Product
[Add](#)

User Page:

Users

s/no	Userid	User name	Email	Operation
1	6614a859c30b51d3c700f1a0	syed	syed@gmail.com	 view

Managing Your Profile:

Click your name or profile icon to open account settings. You'll see details like your email and name. You can update your address for future checkouts. Password update features may be added in future.

You can view your recent activity. Make sure your details are correct. All changes are saved securely. It's important to keep your info updated.

Logout Process:


To log out, click the Logout button in the top menu. This ends your current session. You'll be redirected to the homepage. Your cart and data are saved securely. You can log in again anytime. Logging out is recommended on shared devices. It prevents unauthorized access. It also ensures your orders remain private.

Payment Options:

ShopEZ supports multiple payment methods. You can pay using credit/debit cards, UPI, or wallet services. All payments are processed through secure gateways. No sensitive payment data is stored on the website. You will get a payment confirmation after success. If the payment fails, you can try again. Use a stable internet connection during checkout. Your transaction details are kept private. The entire process is fast and user-friendly.

Users Page:

Users

sl/no	UserId	User name	Email	Operation
1	6614a859c30b51d3c700f1a0	syed	syed@gmail.com	 view

Add product page:

Add Product

Product Name	Rating	Price
<input type="text" value="Enter product name"/>	<input type="text" value="Enter product rating"/>	<input type="text" value="Enter product price"/>
Image URL	Category	Count in Stock
<input type="text" value="Enter image URL"/>	<input data-bbox="722 1150 901 1171" type="text" value="Select Category"/>	<input type="text" value="Enter count in stock"/>
Description		
<input type="text" value="Enter product description"/>		
<input type="button" value="Add Product"/>		

Admin Orders Page:

Orders

Order ID: 6614a8ddc30b51d3c700f1b4
Fullname: syed arshad
Phone: 9505221870
Product ID: 660e84641c659d0b2b10e135
Quantity: 2
Total price: 400
Payment Method: debit
Address: hyderabad
Created At: 2024-04-09T02:36:47.498Z
Status: Delivered

Delivered

Order ID: 6614b085c30b51d3c700f20a
Fullname: syed arshad
Phone: 9505221870
Product ID: 660e84641c659d0b2b10e135
Quantity: 2
Total price: 400

****THANK YOU****