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## Documentation & Reporting

### Project Title : Online Grocery Delivery Web App Blink-Shop-Now

#### 1. Technical Report

**Project Overview:** BlinkitCP is an online grocery shopping web application similar to Blinkit. Users can browse products, add items to the cart, and place orders. Admins can manage products and view orders. The project is built using **React.js**, **Node.js**, **MongoDB**, and deployed on **Vercel**.

#### System Design:

- **Front-end:** React.js for interactive UI
- **Back-end:** Node.js/Express.js for API and business logic
- **Database:** MongoDB Atlas for data storage
- **Deployment:** Vercel serverless hosting

#### System Architecture Diagram:

User Interface (React)



API Requests (Node.js/Express)



Database (MongoDB Atlas)



Admin/Back-end Operations

### Implementation Highlights:

- JWT-based authentication for secure login/register
- Real-time cart updates without page reload
- Checkout and order management
- Cloud deployment on Vercel (<https://blinkitcp.vercel.app>)

### Key Outcomes:

- Fast and responsive user interface
- Cloud-hosted scalable solution
- Modular and maintainable code

## 2. User Manual

### Getting Started:

1. Open the project in a web browser: <https://blinkitcp.vercel.app>
2. Click **Sign Up** to create an account or **Login** if you already have one.

### Using the System:

- **Browse Products:** View items on the homepage
- **Add to Cart:** Click “Add to Cart” to select products
- **View Cart:** Click the cart icon to see selected items
- **Checkout:** Click “Place Order” to complete the purchase

### Admin Panel:

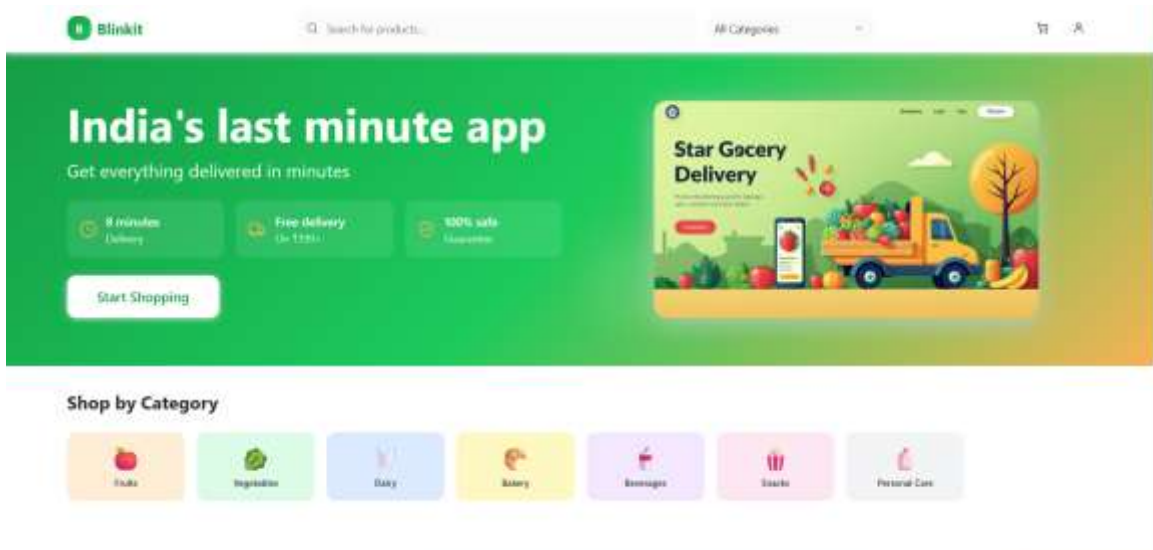
- Add new products
- View all user orders

### Basic Troubleshooting:

Problem	Solution
Page not loading	Check internet connection and refresh browser

Cannot login	Verify email/password or reset password
Product not added	Refresh page or clear cache

## Screenshot :



[All Categories](#)

# India's last minute app

Get everything delivered in minutes

8 minutes  
Delivery

Free delivery  
On orders

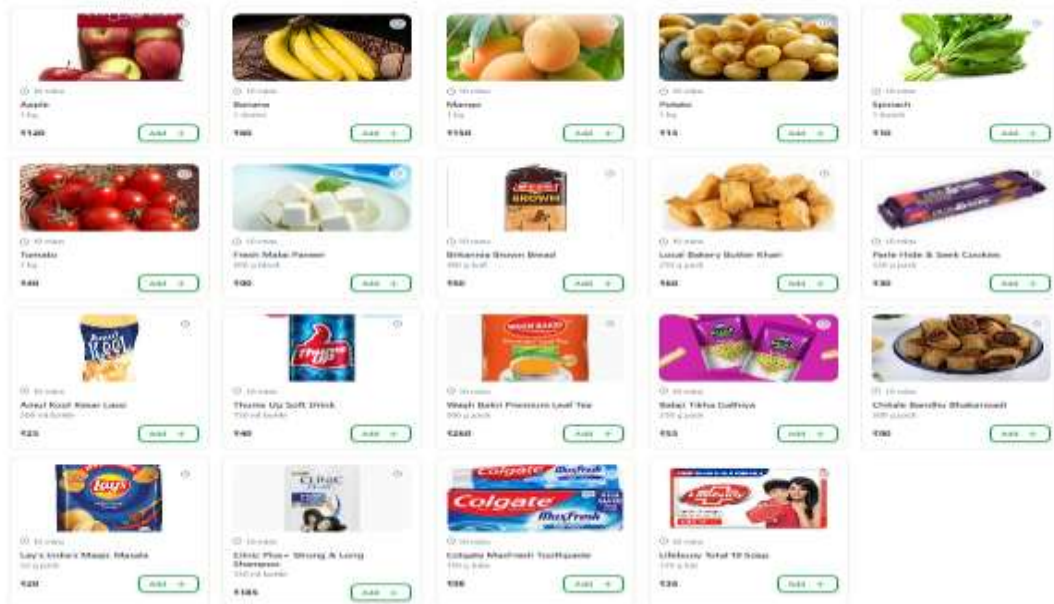
90% cashback  
on orders

Start Shopping

## Shop by Category



## Popular Products



[Daily](#)

## Shop by Category



## Popular Products




### Shop by Category



### Popular Products



[Back to Home](#)



### Welcome Back


Sign in to your account

Email

Password

[Don't have an account? Sign up](#)

[Back to Home](#)



### Create Account

Join Blinkit today

Full Name

Email

Password

Confirm Password

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

Product Details



10 mins

Free delivery

100% fresh

Fruit  
**Apple**

1 kg

4.5 (100 reviews)

**₹120**

In cart

View Cart (1)

Description

Fresh and juicy red apples, rich in vitamins and fiber.

Blinkit

Search for products...

All Categories

Orders

Help & Support

# India's last minute app

Get everything delivered in minutes

8 minutes  
Delivery

Free delivery  
(On ₹149+)

100% safe  
Guarantee

Start Shopping



## Shop by Category

Fruits

Vegetables

Dairy

Bakery

Beverages

Snacks

Personal Care

## My Cart

1 item

View Cart



Apple

1 kg

₹120

100% fresh

### Delivery Details

Full Name

Enter your full name

Phone

e.g. 9876543210

Delivery Address

House no, street, area, city, pincode

Payment Method

☒ Cash on Delivery (COD)

(Only COD is available right now)

### Order Summary

Subtotal (1 items)

₹120

Delivery Fee

FREE

My Cart

1 Item

Clear Cart

Delivery Details

Full Name

Enter your full name

Phone

e.g. 9876543210

Delivery Address

Order Summary

Subtotal (1 items)

₹130

Delivery Fee

FREE

Handling Charges

₹2

Total

₹132

Place the Order

By placing orders, you agree to our terms and conditions

← My Orders

Order

27 Sept 2025

Pending

Banana × 1

₹60

Mango × 1

₹150

green appple × 1

₹30

Potato × 1

₹15

Local Bakery Butter Khari × 1

₹60

Total

₹317

View Details

Cancel Order

## Order Details



Order ID  
68d79248d86a0c46c059f684

Date  
27/9/2025, 12:59:12 pm

Customer  
hency depani

Phone  
8155984643

Address  
bilafaewfewfewfewaeads

### Items

Pending

<b>Banana</b> ₹60 • 1 dozen	<div>— 1 +</div>		₹60
<b>Mango</b> ₹150 • 1 kg	<div>— 1 +</div>		₹150
<b>green apple</b> ₹30 • 1 kg	<div>— 1 +</div>		₹30
<b>Potato</b> ₹15 • 1 kg	<div>— 1 +</div>		₹15
<b>Local Bakery Butter Khari</b> ₹60 • 250 g pack	<div>— 1 +</div>		₹60

Subtotal	₹315
Delivery	FREE
Handling	₹2
<b>Total</b>	<b>₹317</b>


Payment Method: COD

Cancel Order


Save Changes

Close







All Categories



Orders




Admin User




# India's last minute app


Get everything delivered in minutes



8 minutes  
Delivery




Free delivery  
On ₹199+




100% safe  
Guarantee


Start Shopping




Shop by Category




Fruits




Vegetables




Dairy




Baking



Beverages



Snacks



Personal Care

Login successful!


Welcome back to Blinkit

Admin Dashboard

Welcome back, Admin User

View Store


Logout



33

Total Products


50 added, 23 not added



2

Today's Orders


1 pending



₹4,106

Revenue Today

From all orders



23

Low Stock Alert

Products running low

Dashboard

Products

Orders

Add Product

Analytics

Recent Orders

Hency Depani

₹317

pending

Jeni vaghasiya

₹452

out for delivery

Prashant Surveiya

₹262

pending

Top Products

Mango

3 units

₹150

Wagh Bakri Premium Leaf Tea

1 units

₹260

Banana

2 units

₹100

Apple

3 units

₹100

Admin Dashboard

Welcome back, Admin User

View Store

Logout

Dashboard

Products


Orders

Add Product

Analytics

Product Management


Total: 33 products, 10 Active, 10 Not Active, 23 Low Stock



Search products...

All Categories

All Status



green apple

Vegetables

Low Stock


Price: ₹30


new test


Stock: 9 units


Unit: 1 kg

Sales: 1









Spinach

Vegetables

Active


Price: ₹10


Fresh green spinach leaves, packed with iron and nutrients


Stock: 1100 units


Unit: 1 bunch

Sales: 1









Potato

Vegetables

Active


Price: ₹10


High-quality potatoes, ideal for fries and curries


Stock: 900 units


Unit: 1 kg

Sales: 2









Tomato

Vegetables

Active


Price: ₹40


Fresh red tomatoes, great for salads and cooking


Stock: 1000 units

Unit: 1 kg

Sales: 0







Admin Dashboard

Welcome back, Admin User

View Store

Logout

Dashboard

Products

Orders

+ Add Product

Analytics

Product Management

Total: 33 products (6A Active, 13 BFA Low Stock, 23

Search products...

All Categories

All Status

	<b>Name</b> green apple	<b>Category</b> Vegetables
	<b>Price (₹)</b> 30	<b>Stock</b> 5
	<b>Unit</b> 1 kg	
	<b>Image URL</b> <a href="https://www.fog.com/fo/d/0PvWAlx0CapfB.onf6ZhdnRfarku/w=2078h=2116c=66c=180gH=905c=68dgr=1.38pid=3.18cm=2">https://www.fog.com/fo/d/0PvWAlx0CapfB.onf6ZhdnRfarku/w=2078h=2116c=66c=180gH=905c=68dgr=1.38pid=3.18cm=2</a>	
	<b>Description</b> new test	
		<div>Cancel Save</div>

Admin Dashboard

Welcome back, Admin User

View Store

Logout

Dashboard

Products

Orders

+ Add Product

Analytics

Order Management

12 total orders - 5 pending

From: 10-10-2022

To: 10-10-2022

Reset

<b>Hency Depan</b> <span>pending</span>	<div>Mark Picked Ship Order Cancel Order ID</div>
5 items • ₹317 2025-09-27 • 12:30	
Banana Mango green apple 12 more	
<b>Jenil vaghasiya</b> <span>out for delivery</span>	<div>Mark Delivered Cancel Order ID</div>
4 items • ₹952 2025-09-27 • 12:00	
Apple Mango Banana	
<b>Prashant Sarvaiya</b> <span>pending</span>	<div>Mark Picked Ship Order Cancel Order ID</div>
1 items • ₹302 2025-09-25 • 08:50	
Wagh-Balaji Premium Leaf Tea	
<b>hency</b> <span>pending</span>	<div>Mark Picked Ship Order Cancel Order ID</div>
1 items • ₹752 2025-09-04 • 13:01	
Mango	

## Order Details



Order ID: 68d79248d86a0c46c059f684 • Total: ₹317



**Banana** 1 dozen  
Qty: 1

₹60  
Sub: ₹60



**Mango** 1 kg  
Qty: 1

₹150  
Sub: ₹150



**green appple** 1 kg  
Qty: 1

₹30  
Sub: ₹30



**Potato** 1 kg  
Qty: 1

₹15  
Sub: ₹15



**Local Bakery Butter Khari** 250 g pack  
Qty: 1

₹60  
Sub: ₹60

Close

## Admin Dashboard

Welcome back, Admin User

View Store

Login

Dashboard

Products

Orders

+ Add Product

Analytics

### + Add New Product

Product Name

Enter product name

Category

Select category

Price (₹)

Enter price

Stock Quantity

Enter stock quantity

Unit

eg: 1 kg, 1 liter

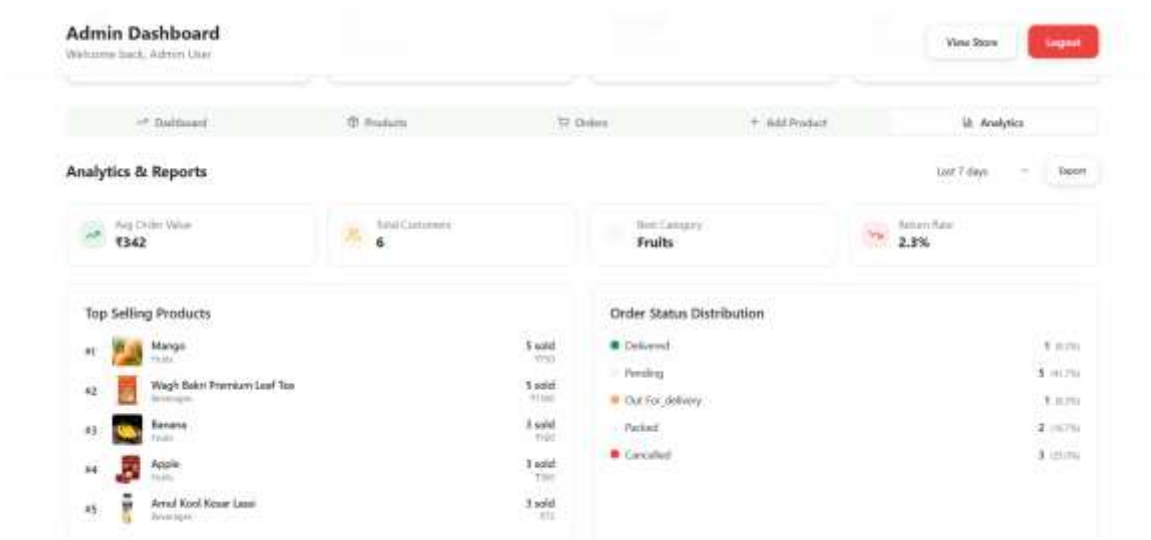
Description

Enter product description

Image URL (Optional)

api/placeholder/100/100

+ Add Product to Inventory



### 3. Code Documentation

/frontend

/components ← UI elements (ProductCard, Cart, Navbar)

/pages ← Views (Home, Products, Checkout, Admin)

/services ← API calls

/backend

/routes ← API routes (userRoutes, productRoutes, orderRoutes)

/controllers ← Route logic

/models ← MongoDB models (User, Product, Order)

server.js ← Main entry

### Running the Project:

1. Clone repo: `git clone <repo-url>`
2. Install dependencies: `npm install`
3. Add environment variables: MongoDB URI, JWT secret
4. Start backend: `node server.js`
5. Start frontend: `npm start`
6. Open browser: `http://localhost:3000`