

# Avion Marketplace

Marketplace

Type -

Specialized e-commerce platform

## Core Objective -

To provide discerning customers with an exquisite selection of luxury handcrafted homeware and furniture that embodies timeless design, sustainability, and affordability. Avion is dedicated to offering high-quality, artisanal pieces that blend elegance with eco-friendly values.

## Objectives -

What challenges does Avion address?

Avion tackles the scarcity of premium, handcrafted homeware and furniture at reasonable prices while catering to eco-conscious buyers through sustainable packaging solutions.

Who is the target audience?

- Homeowners seeking sophisticated and timeless interior designs.
- Interior designers and decorators in search of artisanal home decor.
- Individuals who prioritize sustainability alongside premium quality.

What products and services are offered?

## Product Categories -

- Furniture: Including tables, chairs and more.
- Home Decor: Featuring plant pots, ceramics, trivets, tableware, and cutlery.

## Key Differentiators:

- Exclusive Craftsmanship: Handmade products crafted by skilled artisans with meticulous attention to detail.
- Seasonal Collections: Special editions such as the "Spring Bloss Collection".
- Fast Delivery: Next-day shipping for orders placed before 3 PM.
- Affordable Luxury: Premium quality at competitive prices.
- Sustainability Commitment: Eco-friendly packaging made from 100% recycled materials.

## Data Structure Overview:

### Products:

- Product ID: Unique identifiers.
- Name: Example: "The Elegant Lounge Chair".
- Price: Unit cost.
- Stock: Quantity available.
- Category: Classification (e.g. furniture, Home Decor).
- Tags: Search keywords (e.g. "New Collection").

### Orders:

#### Customer:

Order ID: Unique identifiers.

Customer Information: Name, contact details and shipping address.

Product Details: Items ordered, quantities and prices.

Status: Order progress (e.g. Pending, shipped, delivered).

- Time stamps: Date and time of order placement.

### Customers:

- Customer ID: Unique identifier.
- Name: Full name.
- Contact Details: Email and phone number.
- Address: Shipping address.
- Order History: Record of past purchases.

### Delivery Zones:

- Zone Name: Identifier for delivery region.
- Coverage Area: Cities or postal codes covered.
- Assigned District: Information on personnel handling deliveries.
- Order ID: Linked order reference.
- Shipment ID: Tracking identifier.
- Status: Shipment progress (e.g. In Transit, Delivered).
- Delivery Date: Expected or actual date of arrival.

### Process Flow Overview:

- 1) User Registration/Login.
- 2) Customer Profile Management.
- 3) Product Browsing and Search.
- 4) Adding Items to Cart.
- 5) Order Placement.
- 6) Payment Processing.
- 7) Order Confirmation and Tracking.
- 8) Order Fulfillment.

## Order Process Breakdown-

- Cart Overview: Customers review selected items, quantities, and total cost.
- Order Confirmation: Shipping details and payment initiated.
- Payment Options: Credit/debit card, digital wallets, or cash on delivery.
- Payment Tracking: Updates on successful, pending, or failed transactions.
- Order Processing: Unique order ID generated upon confirmation.
- Delivery Zone Assignment: Orders routed to the nearest warehouse.
- Shipment Tracking: Real-time updates and notifications.
- Final Delivery: Order marked complete upon customer receipt.

# Flow Chart

