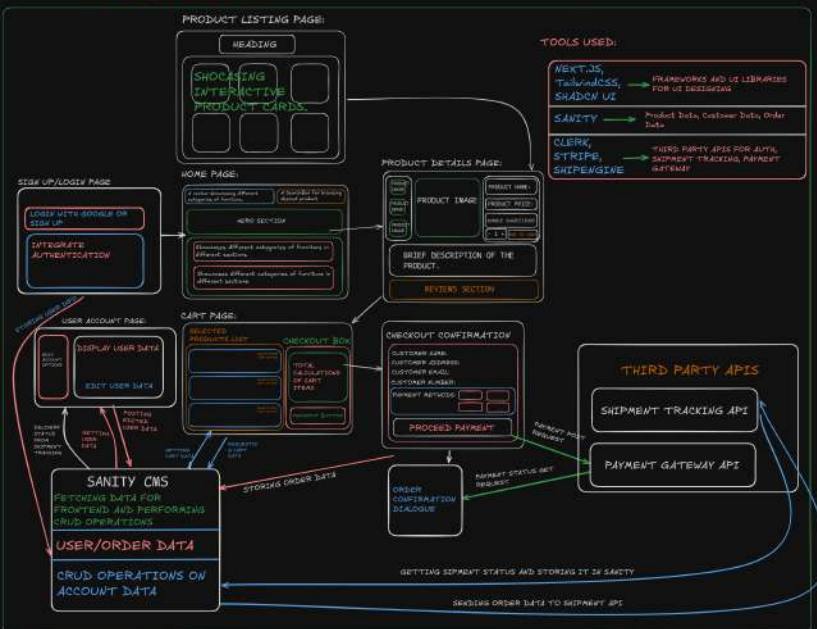


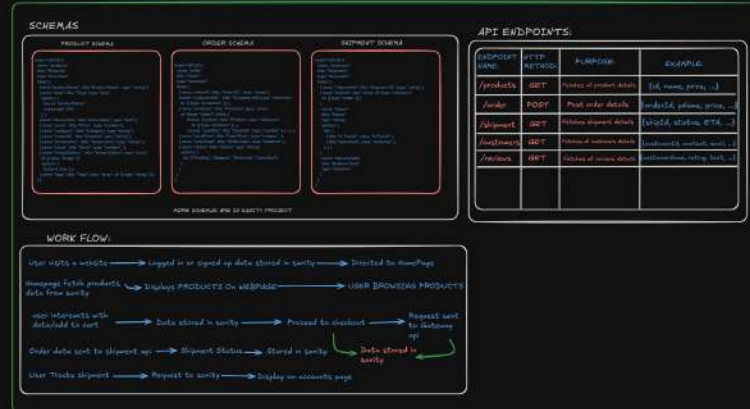
DAY 2 - PLANNING THE TECHNICAL FOUNDATION (WILL IMPROVE WHILE BUILDING THE WEBSITE)

"Marketplace Technical Foundation - TIMELESS TIMBER"

FRONT END

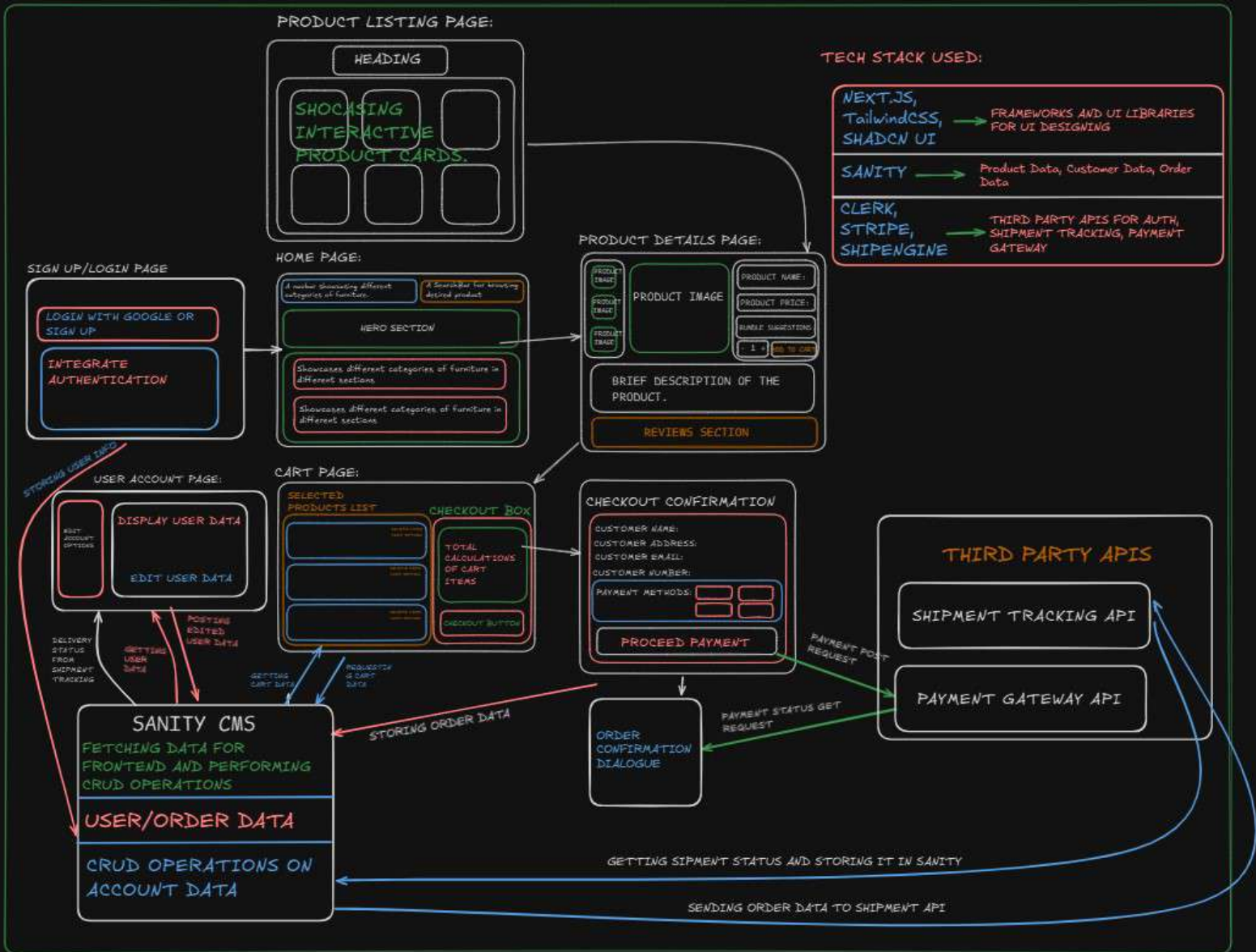


WORK FLOW AND API ENDPOINTS



FRONT END

"Marketplace Technical Found



TECH STACK USED:

NEXT.JS,
TailwindCSS,
SHADCN UI

→ FRAMEWORKS AND UI LIBRARIES
FOR UI DESIGNING

SANITY

→ Product Data, Customer Data, Order
Data

CLERK,
STRIPE,
SHIPENGINE

→ THIRD PARTY APIS FOR AUTH,
SHIPMENT TRACKING, PAYMENT
GATEWAY

SCHEMAS

PRODUCT SCHEMA

```
export default {
  name: "products",
  title: "Products",
  type: "document",
  fields: [
    {name: "productName", title: "Product Name", type: "string",},
    {name: "slug", title: "Slug", type: "slug",
      options: {
        source: "productName",
        maxLength: 200,
      },
    },
    {name: "description", title: "Description", type: "text",},
    {name: "price", title: "Price", type: "number",},
    {name: "category", title: "Category", type: "string",},
    {name: "material", title: "Material", type: "string",},
    {name: "dimensions", title: "Dimensions", type: "string",},
    {name: "stock", title: "Stock", type: "number",},
    {name: "imageGallery", title: "Image Gallery", type: "array",
      of: [{ type: "image" }],
      options: {
        hotspot: true,
      },
    },
    {name: "tags", title: "Tags", type: "array", of: [{ type: "string" }]},
  ]};
```

ORDER SCHEMA

```
export default {
  name: "order",
  title: "Order",
  type: "document",
  fields: [
    {name: "orderId", title: "Order ID", type: "string",},
    {name: "customerInfo", title: "Customer Info", type: "reference",
      to: [{ type: "customers" }]},
    {name: "products", title: "Products", type: "array",
      of: [{type: "object", fields: [
        {name: "product", title: "Product", type: "reference",
          to: [{ type: "products" }]}
        {name: "quantity", title: "Quantity", type: "number",},
      ]}],},
    {name: "totalPrice", title: "Total Price", type: "number",},
    {name: "orderDate", title: "Order Date", type: "datetime",},
    {name: "status", title: "Status", type: "string",
      options: {
        list: ["Pending", "Shipped", "Delivered", "Cancelled"],
      },
    },
  ]};
```

SHIPMENT SCHEMA

```
export default {
  name: "shipment",
  title: "Shipment",
  type: "document",
  fields: [
    {name: "shipmentId", title: "Shipment ID", type: "string",},
    {name: "orderId", title: "Order ID", type: "reference",
      to: [{ type: "order" }]},
    {
      name: "status",
      title: "Status",
      type: "string",
      options: {
        list: [
          { title: "In Transit", value: "inTransit" },
          { title: "Delivered", value: "delivered" },
        ],
      },
    },
    {
      name: "deliveryDate",
      title: "Delivery Date",
      type: "datetime",
    },
  ]};
```

MORE SCHEMAS ARE IN SANITY PROJECT

API ENDPOINTS:

ENDPOINT NAME:	HTTP METHOD:	PURPOSE:	EXAMPLE:
/products	GET	Fetches all product details	{id, name, price, ...}
/order	POST	Post order details	{orderId, pName, price, ...}
/shipment	GET	Fetches shipment details	{shipId, status, ETA, ...}
/customers	GET	Fetches all customers details	{customerId, contact, email, ...}
/reviews	GET	Fetches all reviews details	{customerName, rating, text, ...}

WORK FLOW:

