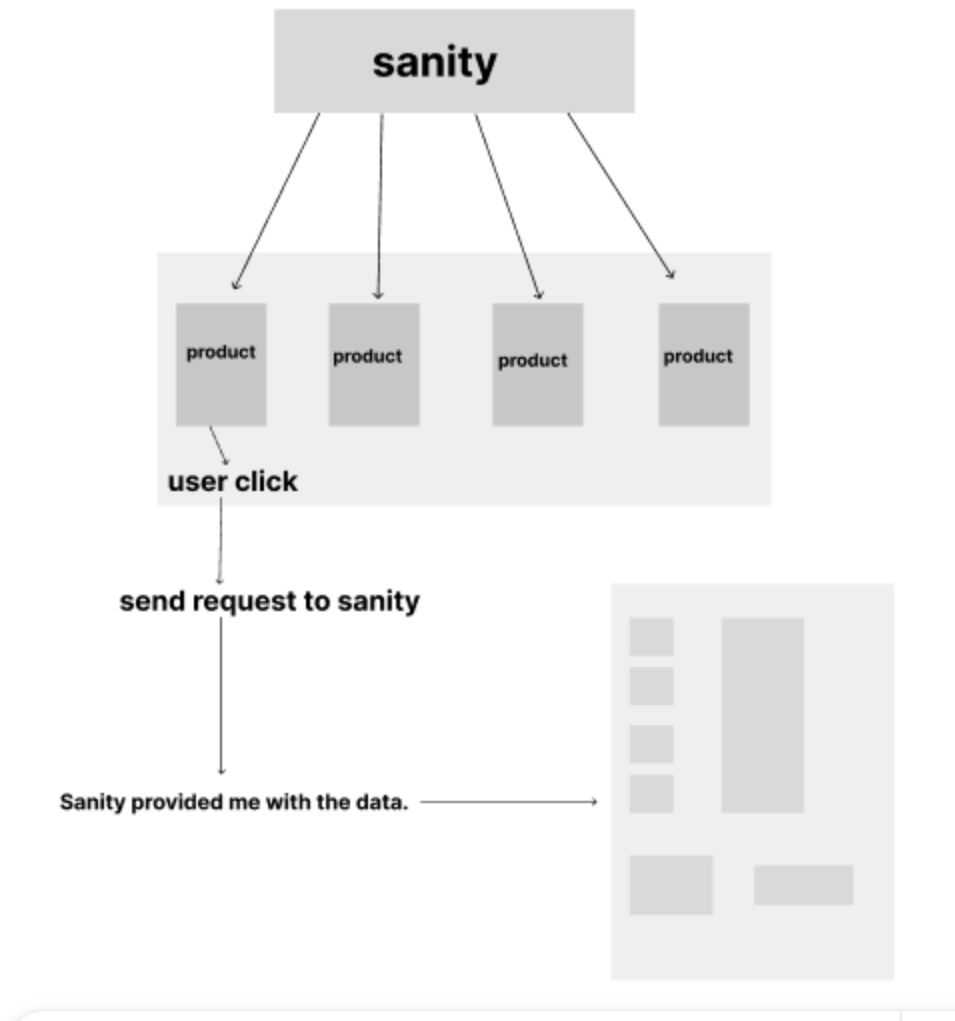# *Furniro*

The first page will be the login page, where there will be two types of users: a customer and an admin. When a user logs in, the page will send a request to the backend API, which will verify whether the user is a customer or an admin. Based on the response from the API, the appropriate action will be taken according to the user's role.

home

api / login.ts

email

password

send data

send data

login

POST

save data

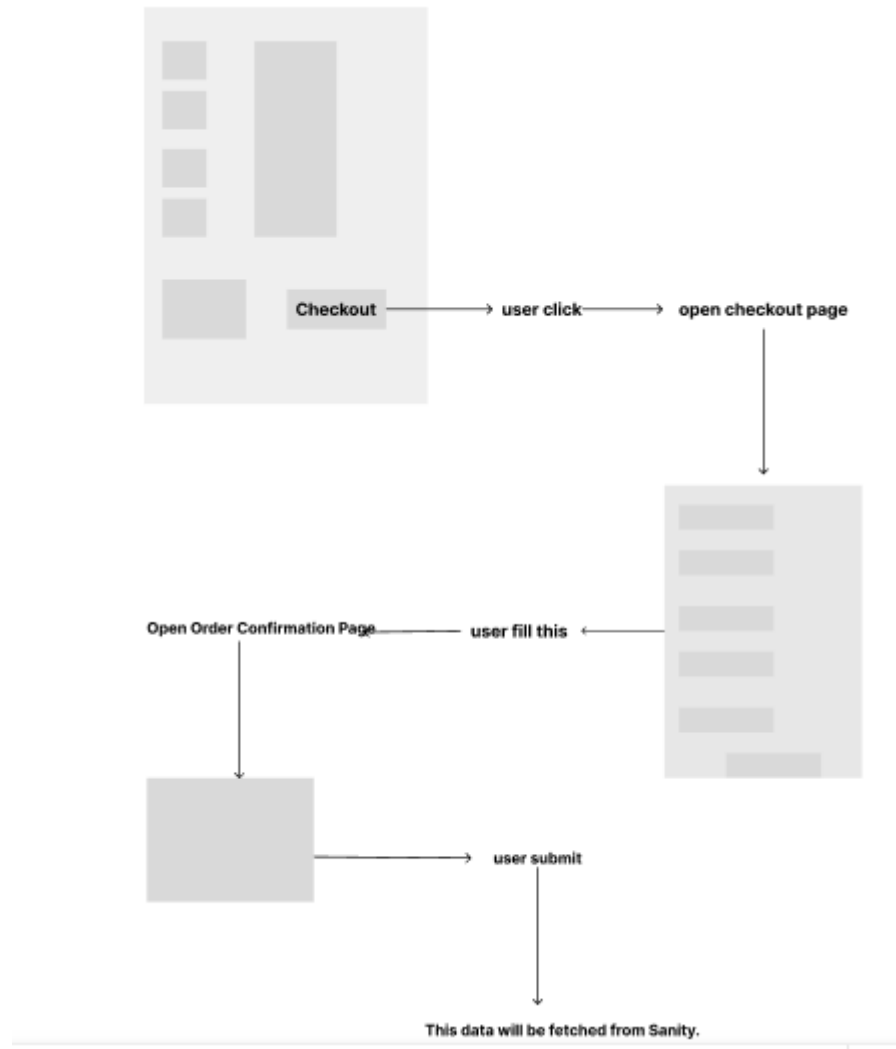varify user

admin

customer

Home page

When a customer logs in, they will be redirected to the homepage, where products will be displayed.

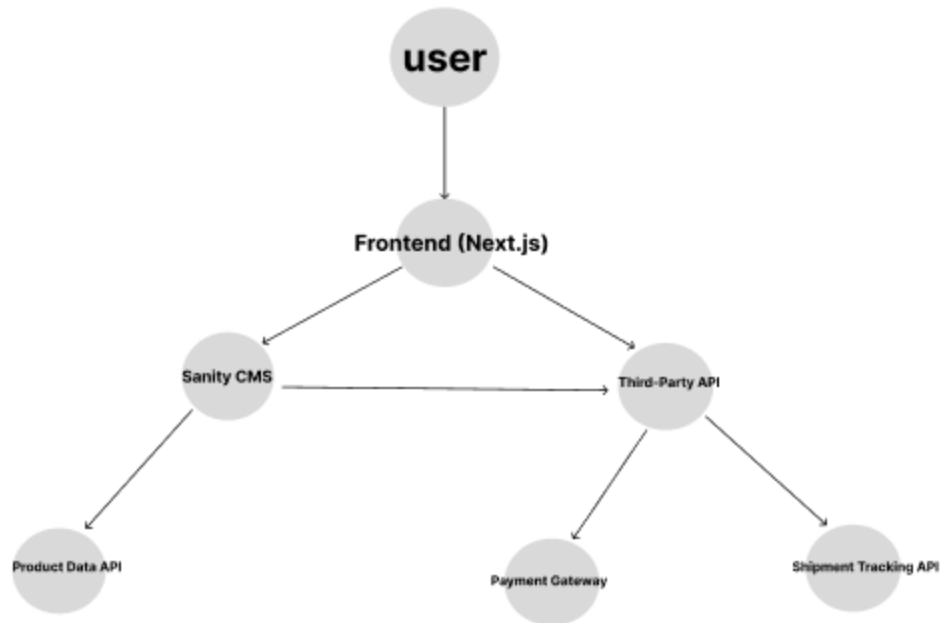*The product data will be fetched from the backend API using Sanity.*

Product Detail Page

If a user clicks on a product, they will be redirected to the product details page, where the product information will be fetched from Sanity.

Checkout ────→ user click ─────→ open checkout page

Open Order Confirmation Page ──── user fill this ←───

user submit

This data will be fetched from Sanity.

2) Design System Architecture

Component	Description
Frontend (Next.js)	User interface for browsing and interacting with the marketplace.
Sanity CMS	Content management system to handle product and order data.
Product Data API	API that retrieves product details from Sanity CMS.
Third-Party API	External service for logistics and shipment tracking.
Shipment Tracking API	Provides real-time updates on shipment status.
Payment Gateway	Securely processes customer payments for orders.

3) Plan API Requirements

- ## Endpoint Name: /login

  - ### Method: POST

  - Description: It is taking the email and password.

- *Response Example: {"email":"sa@gmail.com", "password":23536}*

• *Endpoint Name: /add-to-card*

- *Method: POST*

- *Description: It is taking the email and password.*

- *Response Example: {"product":"Leviosa", "product_id":21,*

     " product_amount":23000

• *Endpoint Name: /inventory*

- *Method: DELETE*

- *Describtion:It will have the product quality.*

- *Response Example: {"product_id":23233, "quality":12}*

4) *Product Sanity Schema*

```
export default {
    name: 'product',
    type: 'document',
    title: 'Product',
    fields: [
        {
            name: 'name',
            type: 'string',
            title: 'Product Name',
        },
```

```
{
    name: 'description',
    type: 'string',
    title: 'Description'
},
{
    name: 'price',
    type: 'number',
    title: 'Product Price',
},
{
    name: 'discountPercentage',
    type: 'number',
    title: 'Discount Percentage',
},
{
    name: 'priceWithoutDiscount',
    type: 'number',
    title: 'Price Without Discount',
    description: 'Original price before discount'
},
{
    name:'rating',
    type:'number',
    title:'Rating',
    description:'Rating of the product'
},
{
```

```
        name: 'ratingCount',

        type: 'number',

        title: 'Rating Count',

        description: 'Number of ratings'

},

{

        name: 'tags',

        type: 'array',

        title: 'Tags',

        of: [{ type: 'string' }],

        options: {

                layout: 'tags'

        },

        description: 'Add tags like "new arrival", "bestseller", etc.'

},

{

        name: 'sizes',

        type: 'array',

        title: 'Sizes',

        of: [{ type: 'string' }],

        options: {

                layout: 'tags'

        },

        description: 'Add sizes like S , M , L , XL , XXL'

},

{

        name: 'image',

        type: 'image',
```

```
            title: 'Product Image',

            options: {

                    hotspot: true // Enables cropping and focal point selection

            }

        }

    ]

};
```