

NIKE E-COMMERCE WEBSITE : INTEGRATION DOCUMENT

This document provides overview of our Nike Website project, focus on integration sanity headless CMS , importing shoe data by Apls and setting our project .

Have a Look

Data Schema

Define fields in sanity related to our nike website like productName , category, status , price etc

```
fields: [  
  {  
    name: 'productName',  
    title: 'Product Name',  
    type: 'string',  
  },  
  {  
    name: 'category',  
    title: 'Category',  
    type: 'string',  
  },  
  {  
    name: 'price',  
    title: 'Price',  
    type: 'number',  
  },  
  {  
    name: 'inventory',  
    title: 'Inventory',  
    type: 'number',  
  },  
  {  
    name: 'colors',  
    title: 'Colors',  
    type: 'array',  
    of: [{ type: 'string' }],  
  },  
  {  
    name: 'status',  
    title: 'Status',  
    type: 'string',  
  },  
]
```

Import Data from Api

```
async function importData() {
  try {
    console.log('migrating data please wait...');

    // API endpoint containing car data
    const response = await axios.get('https://template-03-api.vercel.app/api/products');
    const products = response.data.data;
    console.log("products ==>> ", products);

    for (const product of products) {
      let imageRef = null;
      if (product.image) {
        imageRef = await uploadImageToSanity(product.image);
      }
    }
  }
}
```

Fetching data from APIs display in UI

```
<h1 className="font-bold text-3xl □ text-black underline text-center p-2">All Products</h1>
<ul >
  {products.map((product, index) => (
    <li key={index}>
      <div className=" grid-cols-1 sm:grid-cols-2 md:grid-cols-3 gap-6 max-auto p-4 flex">
        <div className="■ bg-white shadow-lg rounded-lg overflow-hidden">
          <Image src={product.image} alt={product.productName}
            width={300}
            height={800}
            className="w-full h-64 object-cover"/>
          <p className="font-medium text-[15px]mt-2 ■ text-[#9E3500]">{product.status}</p>
          <p className="text-[15px] font-normal □ text-black">{product.productName}</p>
          <p className="text-[15px] font-normal ■ text-[#757575]">{product.category}</p>
          <p className="text-[15px] font-normal ■ text-[#757575]">{product.colors}</p>
          <p className="text-[15px] font-normal □ text-black mt-2">MRP : ₹ {product.price}</p>
        </div>
```

MADE project in sanity and generate Token

```
next_PUBLIC_SANITY_PROJECT_ID="y2v4e1vw"  
next_PUBLIC_SANITY_DATASET="production"  
SANITY_API_TOKEN="skA0Gbf4iMMrfldWqNELcia2bUNKjIrkegdZou4Zk1i0zkJuLK0piwEDX78nS3u8cGESxAxxljDhwzBU4zKx"
```

Groq theory through data fetch in sanity

```
*[_type == "product"]{
  productName, inventory ,
  description,
  _id,
  price,
  category,
  status,
  "imageUrl": image.asset->url,
  colors
}
```

PARAMS

```
{
}
}
```

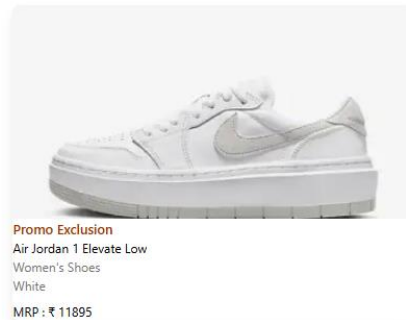
```
[...] 32 items
▼ 0: {...} 9 properties
  productName: Nike Standard Issue Basketball Jersey
  _id: 9pIJ000PMKhFhzCfbRnyad
  price: 2895
  imageUrl: https://cdn.sanity.io/images/y2v4e1vw/producti
    7be8d1-348x348.png
  colors: [...] 1 item
    0: White
  inventory: 40
  description: The Nike Standard Issue Basketball Jersey d
    for top performance. Designed for athletes, it combines :
    cool and comfortable on and off the court.
  category: Women's Basketball Jersey
  status: Just In
▼ 1: {...} 9 properties
  description: The Nike Pegasus 40 delivers responsive cusl
```

Happy Moment

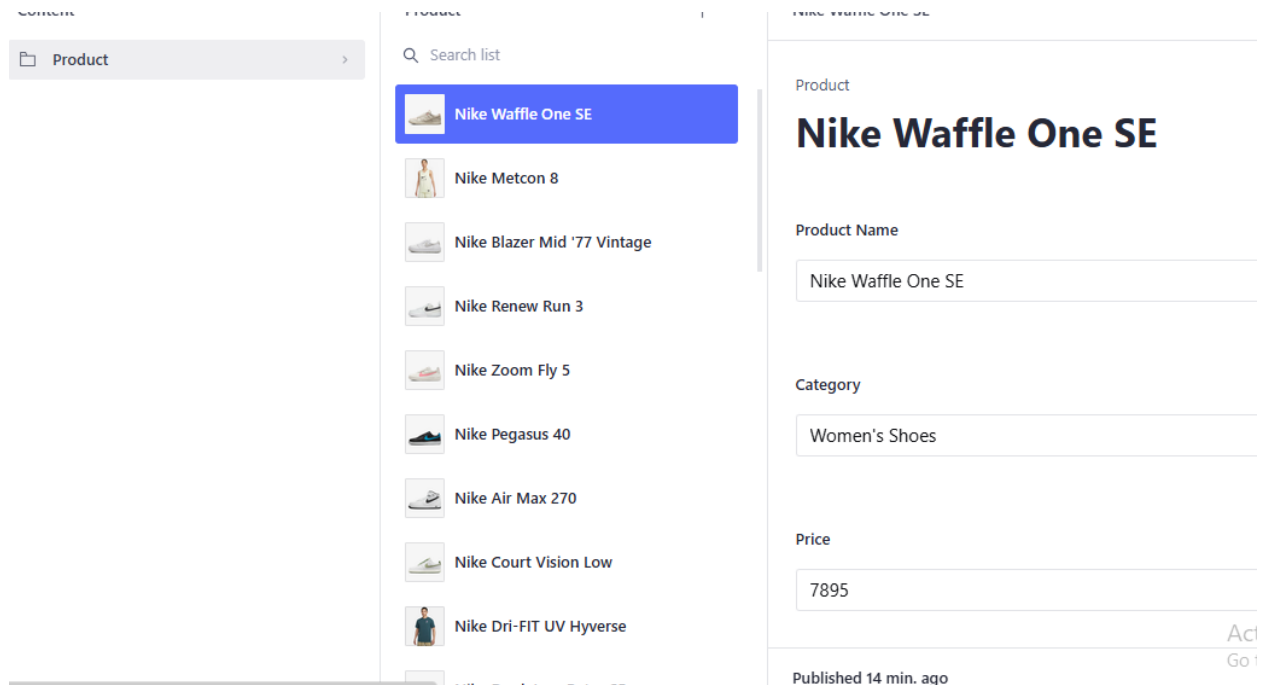
Data fetch and show in terminal

```
},
{
  productName: 'Nike Renew Run 3',
  category: "Men's Running Shoes",
  price: 7295,
  inventory: 40,
  colors: [ 'Blue' ],
  status: 'Trending',
  image: 'https://template-03-api.vercel.app/products/4.png',
  description: 'The Nike Renew Run 3 offers plush cushioning and a breathable design for smooth, comfortable runs. Perfect for beginners or seasoned athletes, it delivers support and style for every step.'
},
{
  productName: "Nike Blazer Mid '77 Vintage",
  category: "Men's Shoes",
  price: 8495,
  inventory: 22,
  colors: [ 'White', 'Black' ],
  status: 'Just In',
  image: 'https://template-03-api.vercel.app/products/5.png',
  description: "The Nike Blazer Mid '77 Vintage brings old-school basketball style to modern fashion. With a high-top design and premium leather, it delivers unmatched versatility and a timeless look."
},
}
```

Finally display our today project in frontened means UI



Sanity Studio our Nike product data structure



RESULT:

Achieve today task

Creating Data fetching in Sanity CMS

API token for security

Scripts for import data

Use Api to fetch data and display in frontened