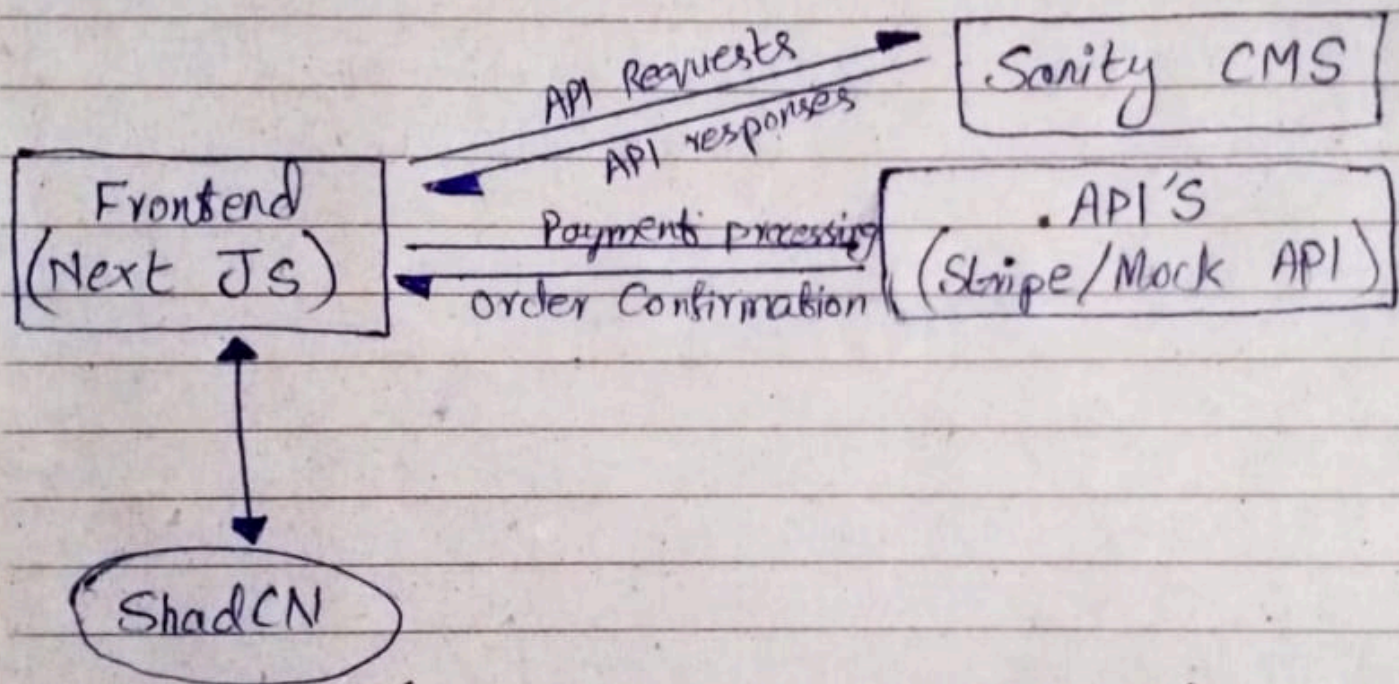# TECHNICAL REQUIREMENTS.

- Product Management (uploading templates, tagging)
- Order Management (Tracking sales/ managing downloads)
- Customer Management (profiles/purchas history)

(SYSTEM ARCHITECTURE)

(PLANNING API REQUIREMENTS)

GET Endpoints

Endpoints	Method	Description
/products	GET	fetch products from Sanity
/products/[id]	GET	fetch Specific product from Sanity using id
/categories	GET	fetch categories from Sanity.

POST REQUESTS

Endpoint	Method	Description
/checkout	POST	Send user data to payment gateway (eg. stripe)
/order—con firmation	POST	Send order details to sanity and display on frontend

SCHEMA FOR PRODUCT

```js
// schemas/product.js
export default {
  name: 'product',
  title: 'Product',
  type: 'document',
  fields: [
    {
      name: 'title',
      title: 'Title',
      type: 'string',
    },
    {
      name: 'description',
      title: 'Description',
      type: 'text',
    },
    {
      name: 'category',
      title: 'Category',
      type: 'reference',
      to: [{ type: 'category' }],
    },
    {
      name: 'tags',
      title: 'Tags',
      type: 'array',
      of: [{ type: 'string' }],
    },
    {
      name: 'price',
      title: 'Price',
      type: 'number',
    },
    {
      name: 'image',
      title: 'Image',
      type: 'image',
    },
  ],
};
```

SCHEMA FOR CATEGORY

```js
// schemas/category.js
export default {
  name: 'category',
  title: 'Category',
  type: 'document',
  fields: [
    {
      name: 'title',
      title: 'Title',
      type: 'string',
    },
    {
      name: 'slug',
      title: 'Slug',
      type: 'slug',
      options: {
        source: 'title',
        maxLength: 96,
      },
    },
    {
      name: 'description',
      title: 'Description',
      type: 'text',
    },
    {
      name: 'image',
      title: 'Image',
      type: 'image',
    },
  ],
};
```