

DAY 2 PLANNING THE TECHNICAL FOUNDATION

Sanity Schema

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```
export default {  
  name: 'product',  
  type: 'document',  
  title: 'Product',  
  fields: [  
    {  
      name: 'name',  
      type: 'string',  
      title: 'Product Name',  
      validation: (Rule) =>  
        Rule.required()  
        .max(100)
```

```
        .error('Product name is required and cannot exceed 100
characters.'),
    },
    {
        name: 'slug',
        type: 'slug',
        title: 'Slug',
        description: 'URL-friendly identifier for the product.',
        options: {
            source: 'name',
            maxLength: 200,
        },
        validation: (Rule) =>
            Rule.required().error('Slug is required for product
identification.'),
    },
    {
        name: 'description',
        type: 'text',
```

```
    title: 'Description',
    description: 'Detailed description of the product.',
    validation: (Rule) =>
      Rule.required()
        .min(20)
        .max(500)
        .error('Description must be between 20 and 500
characters.'),
  },
  {
    name: 'price',
    type: 'number',
    title: 'Price',
    validation: (Rule) =>
      Rule.required()
        .min(0)
        .error('Price must be a positive value.'),
  },
  {
```

```
name: 'category',
type: 'string',
title: 'Category',
options: {
  list: [
    { title: 'Sofa', value: 'sofa' },
    { title: 'Chair', value: 'chair' },
  ],
},
validation: (Rule) =>
  Rule.required().error('Category is required (sofa or chair).'),
{
  name: 'material',
  type: 'string',
  title: 'Material',
  description: 'Material used for the product (e.g., leather,
fabric, wood).',
  validation: (Rule) =>
```

```
    Rule.required().error('Material is required for the
product.'),
  },
  {
    name: 'dimensions',
    type: 'object',
    title: 'Dimensions',
    fields: [
      { name: 'length', type: 'number', title: 'Length (in cm)' },
      { name: 'width', type: 'number', title: 'Width (in cm)' },
      { name: 'height', type: 'number', title: 'Height (in cm)' },
    ],
    validation: (Rule) =>
      Rule.required().error('Dimensions are required for the
product.'),
  },
  {
    name: 'image',
    type: 'image',
```

```
title: 'Product Image',
description: 'High-quality image of the product.',
options: {
  hotspot: true,
},
validation: (Rule) =>
  Rule.required().error('Product image is required.'),
},
{
  name: 'colors',
  type: 'array',
  title: 'Available Colors',
  of: [{ type: 'string' }],
  options: {
    layout: 'tags',
  },
  description: 'Available color options for the product.',
},
{
```

```
name: 'stock',
type: 'number',
title: 'Stock Quantity',
validation: (Rule) =>
  Rule.required()
    .min(0)
    .error('Stock quantity must be a non-negative number.'),
},
{
name: 'rating',
type: 'number',
title: 'Rating',
description: 'Average customer rating (0 to 5).',
validation: (Rule) =>
  Rule.min(0)
    .max(5)
    .precision(1)
    .error('Rating must be between 0 and 5.'),
},
```

```
{
  name: 'seoTitle',
  type: 'string',
  title: 'SEO Title',
  description: 'Title for SEO optimization (max 60 characters).',
  validation: (Rule) =>
    Rule.max(60).error('SEO title cannot exceed 60
characters.'),
},
{
  name: 'seoDescription',
  type: 'text',
  title: 'SEO Description',
  description: 'Meta description for SEO optimization (max
160 characters).',
  validation: (Rule) =>
    Rule.max(160).error('SEO description cannot exceed 160
characters.'),
},
```


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};