```
Untitled-1

export default {
  name: 'product',
  type: 'document',
  title: 'Product',
  fields: [
    {
      name: 'name',
      type: 'string',
      title: 'Product Name',
      description: 'Name of the product.',
      validation: (Rule) => Rule.required().max(100).error('Product name is required
and must be under 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',
  description: 'Price of the product.',
  validation: (Rule) =>
    Rule.required()
      .min(0)
      .error('Product price must be a positive value.'),
},
{
  name: 'discountPercentage',
  type: 'number',
  title: 'Discount Percentage',
  description: 'Percentage discount on the product.',
  validation: (Rule) =>
    Rule.min(0)
      .max(100)
      .error('Discount percentage must be between 0 and 100.'),
},
{
  name: 'priceWithoutDiscount',
  type: 'number',
  title: 'Price Without Discount',
  description: 'Original price of the product before discount.',
  readOnly: true,
  initialValue: (doc) => doc.price / (1 - doc.discountPercentage / 100),
},
```

```
3


{
  name: 'rating',
  type: 'number',
  title: 'Rating',
  description: 'Average customer rating for the product.',
  validation: (Rule) =>
    Rule.min(0)
      .max(5)
      .precision(1)
      .error('Rating must be between 0 and 5.'),
},
{
  name: 'ratingCount',
  type: 'number',
  title: 'Rating Count',
  description: 'Total number of ratings received for the product.',
  validation: (Rule) =>
    Rule.min(0).error('Rating count must be a non-negative number.'),
},
```

```
4
{
  name: 'tags',
  type: 'array',
  title: 'Tags',
  of: [{ type: 'string' }],
  options: {
    layout: 'tags',
  },
  description: 'Add tags like "new arrival", "bestseller", or "limited edition".',
},
{
  name: 'sizes',
  type: 'array',
  title: 'Sizes',
  of: [{ type: 'string' }],
  options: {
    layout: 'tags',
  },
  description: 'Available sizes for the product (e.g., S, M, L, XL).',
},
```

```
5

{
  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: '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.'),
},
```

```
{
  name: 'availableStock',
  type: 'number',
  title: 'Available Stock',
  description: 'Number of items in stock.',
  validation: (Rule) =>
    Rule.min(0).error('Stock must be a non-negative number.'),
},
{
  name: 'category',
  type: 'reference',
  title: 'Category',
  description: 'Category to which this product belongs.',
  to: [{ type: 'category' }], // Ensure you have a category schema
},
```