export default {

  // Define the document type and its name

  name: 'product',

  type: 'document',

  title: 'Product', // The title displayed in the CMS for this document

  fields: [

    {

      // Field for the product's name

      name: 'name',

      type: 'string', // Basic text field

      title: 'Product Name', // Label for the field in the CMS

      validation: (Rule) =>

        Rule.required() // Makes this field mandatory

          .max(100) // Restricts the maximum length to 100 characters

          .error('Product name is required and cannot exceed 100 characters.'),

    },

    {

      // Slug field for generating a URL-friendly identifier

      name: 'slug',

      type: 'slug',

      title: 'Slug',

      description: 'URL-friendly identifier for the product.', // Helper text in the CMS

      options: {

        source: 'name', // Automatically generates the slug based on the product name

        maxLength: 200, // Limits the slug length

      },

      validation: (Rule) =>

        Rule.required().error('Slug is required for product identification.'),

    },

    {

      // Field for a detailed description of the product

      name: 'description',

      type: 'text', // Multi-line text field

      title: 'Description',

      description: 'Detailed description of the product.',

      validation: (Rule) =>

        Rule.required() // Makes this field mandatory

          .min(20) // Requires at least 20 characters

          .max(500) // Limits to a maximum of 500 characters

          .error('Description must be between 20 and 500 characters.'),

    },

    {

      // Field for the product's price

      name: 'price',

      type: 'number', // Numeric field

      title: 'Product Price',

      validation: (Rule) =>

        Rule.required() // Makes this field mandatory

          .min(0) // Ensures the price is non-negative

          .error('Product price must be a positive value.'),

    },

    {

      // Field for the discount percentage

      name: 'discountPercentage',

      type: 'number',

      title: 'Discount Percentage',

      description: 'Percentage discount on the product.',

      validation: (Rule) =>

        Rule.min(0) // Ensures the discount is not negative

          .max(100) // Ensures the discount does not exceed 100%

          .error('Discount percentage must be between 0 and 100.'),

    },

    {

      // Field for the price before the discount

      name: 'priceWithoutDiscount',

      type: 'number',

      title: 'Price Without Discount',

      description: 'Original price of the product before discount.',

      readOnly: true, // Makes this field non-editable in the CMS

      // Optional: Auto-calculate this field based on price and discount

      initialValue: (doc) => doc.price / (1 - doc.discountPercentage / 100),

    },

    {

      // Field for the product's rating

      name: 'rating',

      type: 'number',

      title: 'Rating',

      description: 'Average rating of the product.',

      validation: (Rule) =>

        Rule.min(0) // Ensures the rating is not negative

          .max(5) // Limits the rating to a maximum of 5

          .precision(1) // Allows one decimal place

          .error('Rating must be between 0 and 5.'),

    },

    {

      // Field for the number of ratings the product has received

      name: 'ratingCount',

      type: 'number',

      title: 'Rating Count',

      description: 'Total number of ratings received by the product.',

      validation: (Rule) => Rule.min(0).error('Rating count must be a non-negative number.'),

    },

    {

      // Array field for tags associated with the product

      name: 'tags',

      type: 'array',

      title: 'Tags',

      of: [{ type: 'string' }], // Each tag is a string

      options: {

        layout: 'tags', // Allows for tag-style input

      },

      description: 'Add tags such as "new arrival", "bestseller", or "limited edition".',

    },

    {

      // Array field for available product sizes

      name: 'sizes',

      type: 'array',

      title: 'Sizes',

      of: [{ type: 'string' }], // Each size is a string

      options: {

        layout: 'tags', // Allows for tag-style input

      },

      description: 'Available sizes for the product (e.g., S, M, L, XL, XXL).',

    },

    {

      // Field for the product image

      name: 'image',

      type: 'image',

      title: 'Product Image',

      description: 'High-quality image of the product.',

      options: {

        hotspot: true, // Enables cropping and focal point selection

      },

      validation: (Rule) => Rule.required().error('Product image is required.'),

    },

    {

      // Field for the SEO-friendly title

      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.'),

    },

    {

      // Field for the SEO-friendly description

      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.'),

    },

  ],

};