

Marketplace Technical Foundation - Hekto

Day 3: API Integration and Data Migration

1. Understand the Provided API:

- Review the API documentation for your assigned template.
 - **Status:** Done.
 - Identify key endpoints such as:
 - Product listings (e.g., /products)
 - Categories (e.g., /categories)
 - Order history (if applicable)
 - **Note:** My API only has one endpoint:
 - **Endpoint:** /api/product
 - **URL:** <https://next-ecommerce-template-4.vercel.app/api/product>

2. Validate and Adjust Your Schema:

- Current schema fits perfectly but needs additional tags. Updated schema:

```
export default {
  name: 'product',
  type: 'document',
  title: 'Product',
  fields: [
    {
      name: 'name',
      type: 'string',
      title: 'Name',
      validation: (Rule) => Rule.required().error('Name is required'),
    },
    {
      name: 'image',
      type: 'image',
      title: 'Image',
      options: {
        hotspot: true,
      },
      description: 'Upload an image of the product.',
    },
    {
      name: 'price', type: 'string', title: 'Price', validation: (Rule)
      => Rule.required().error('Price is required'),

    },
    {
      name: 'description',
      type: 'text', title: 'Description', validation: (Rule) => Rule.max(150).warning('Keep the
      description under 150 characters.'),

    },
    {
      name: 'discountPercentage', type: 'number',
      title: 'Discount Percentage',
      validation: (Rule) => Rule.min(0).max(100).warning('Discount must be between 0 and 100.'),

    },
  ],
}
```

```

{
  name: 'isFeaturedProduct',
  type: 'boolean', title: 'Is
  Featured Product',
},
{
  name: 'stockLevel',
  type: 'number', title: 'Stock Level', validation: (Rule) =>
  Rule.min(0).error('Stock level must be a positive number.'),
},
{
  name: 'category',
  type: 'string',
  title: 'Category',
  options: {
    list: [
      { title: 'Chair', value: 'Chair' },
      { title: 'Sofa', value: 'Sofa' },
    ],
  }, validation: (Rule) => Rule.required().error('Category is
  required'),
},
],
};

```

3. Data Migration Options:

- **Challenge:** Migrating data using the provided API from template 4 was initially challenging. Tried using the migration script inside my project, but it didn't work.
- **Solution:** Connected Sanity to the provided Next.js project containing the migration script and API schema. Worked on the first try.
- **Steps Taken:**
 - Verified product data on the Sanity dashboard.
 - Opened my marketplace project using npm run dev.
 - Viewed the products at <http://localhost:3000/studio>.
 - Confirmed the products appeared on both provided project and my marketplace project.

