Day 3 Integration Report

Api Integration And Data Migration

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Setting Up Environment Variables

To get started, create a `.env.local` file in the root directory of your project (if it doesn't already exist). Add the following environment variables:

NEXT_PUBLIC_SANITY_PROJECT_ID=your_project_id

NEXT_PUBLIC_SANITY_DATASET=production

SANITY_API_TOKEN=your_sanity_token

Important Note:
Environment variables with the prefix `NEXT_PUBLIC_` will be accessible in the browser. Handle these variables carefully to avoid exposing sensitive information.

Obtaining Sanity Project ID and API Token

Finding Your Project ID

To locate your Sanity Project ID, follow these steps:

1. Visit the Sanity management console by logging in at Sanity Manage.
2. After logging in, select the project you want to work with.
3. On the project dashboard, you will find your **Project ID** listed prominently.

Generating a Sanity API Token

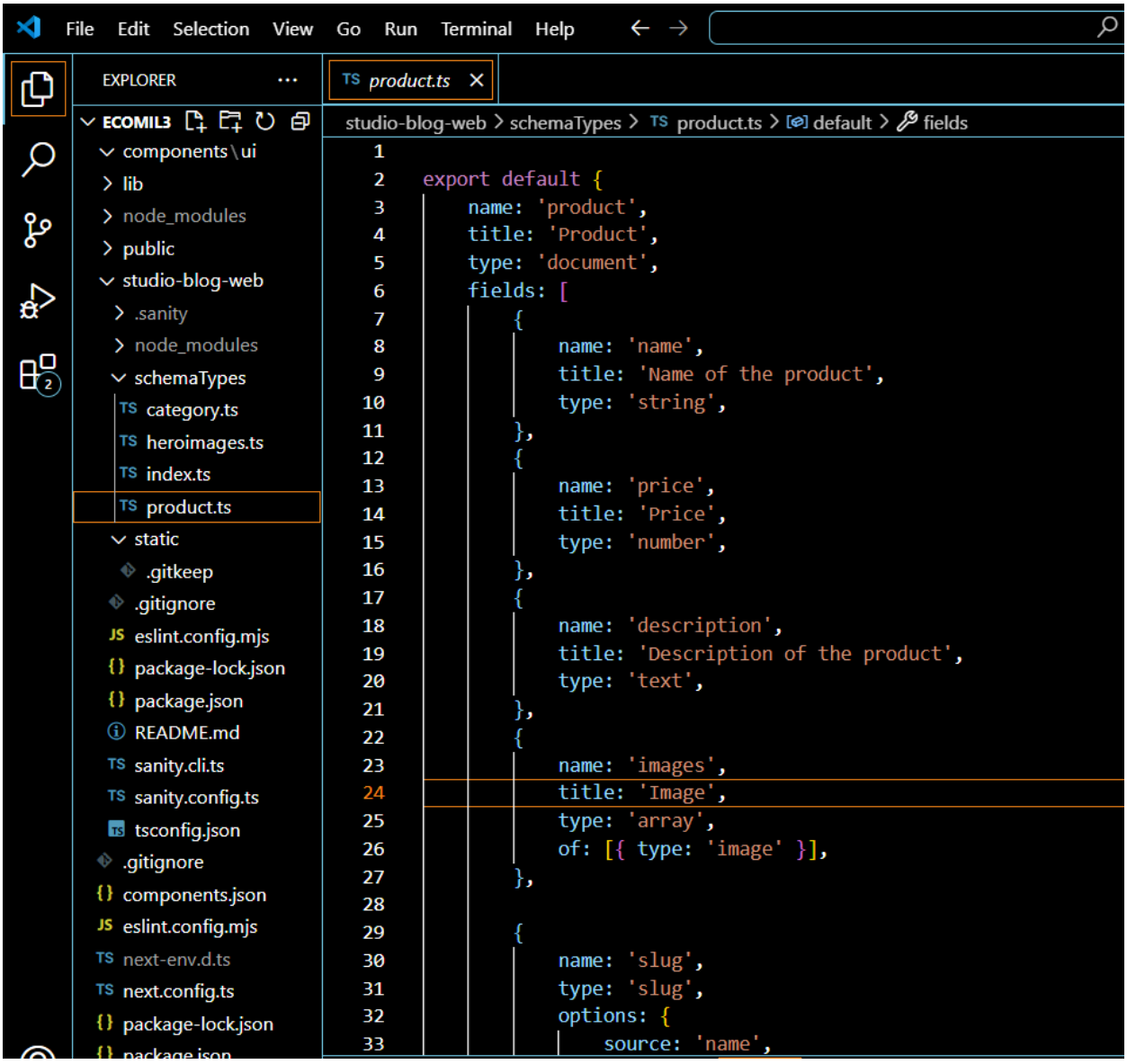
Follow these steps to generate a Sanity API token:

1. Visit the Sanity Manage Console and log in to your account.
2. Select the project for which you want to create the API token.
3. Navigate to the **"API"** tab in the project settings.
4. Under the **"Tokens"** section, click on **"Add API Token"**.
5. Assign a name to your token and choose the appropriate permissions:
    - For full read/write access, select **"Editor"**.

Once created, make sure to copy and save the token securely, as you won't be able to view it again later.

Creating Sanity Schema

Now we have to create Schema for Our Products in our sanity schema Folder



Then we have to Update our Sanity/schema/index.ts file to include new product schema

Then install the necessary Packages

Npm install @Sanity/client

Running the Import Script

Once you've prepared your environment and gathered the necessary credentials, follow these steps to run the import script:

1. **Ensure Dependencies are Installed**
   Make sure you have installed all required dependencies. Run the following command in your project directory:

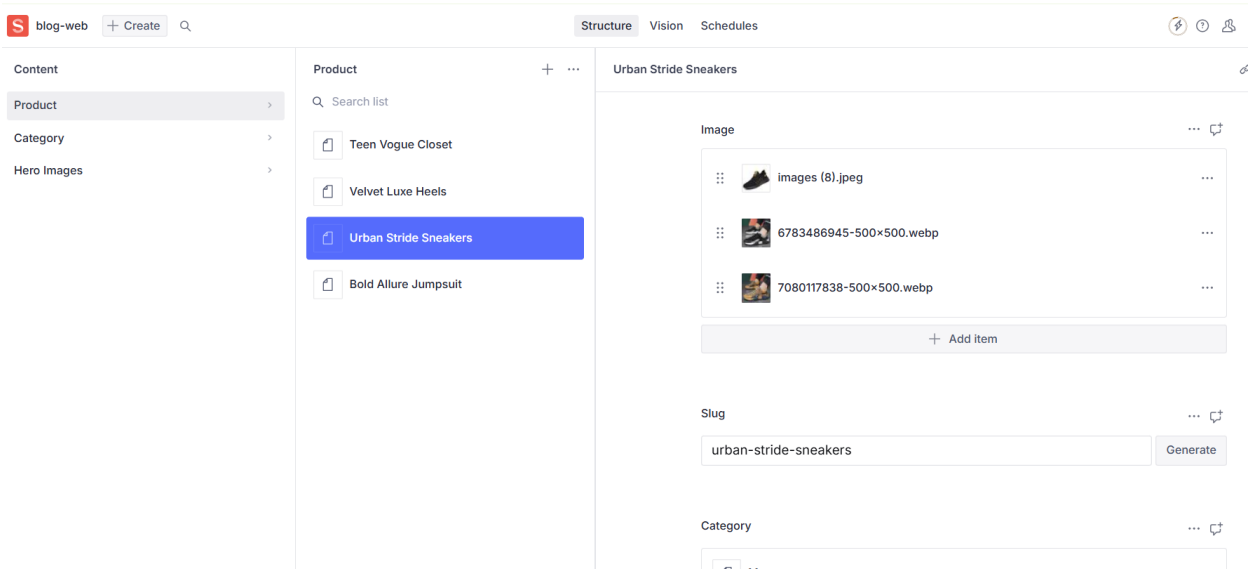
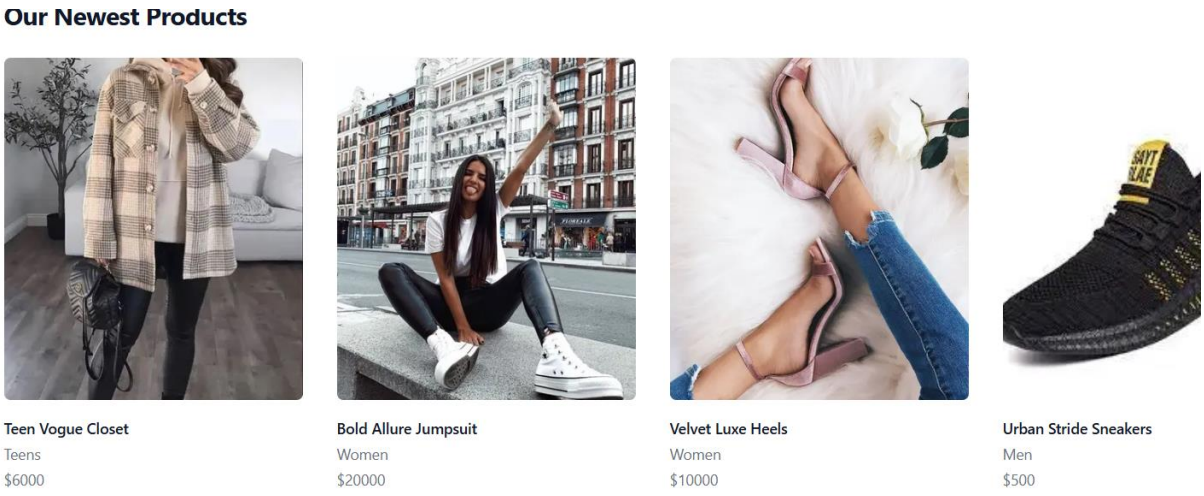
   ```
   npm install
   ```

   or

   ```
   yarn install
   ```

2. **Run the Script**
   Use the following command to execute the import script:

   ```
   node scripts/import.js
   ```

   Replace `import.js` with the actual name of your import script file, if different.

3. **Verify the Results**
   Once the script has run successfully, verify that the data has been imported correctly by checking your Sanity dataset or application.
4. **Handle Errors (if any)**
   - If you encounter errors, ensure that your API token, project ID, and dataset are correctly configured in your `.env.local` file.
   - Check for any syntax or logic issues in your import script.
   - Refer to the logs for specific error messages.