Day 3 - API Integration Report - [FURNITURE STORE]

API Integration Process

Selected API:

- API Name: Sanity CMS API
- Purpose: To manage and store product data for the furniture marketplace
- **Authentication Method: API Token stored in **``

Integration Steps:

Sanity Installation

• Installed Sanity CMS using npm install -g @sanity/cli.

Running Data Import

Executed node scripts/importSanityData.mjs to migrate products.

Migration Steps and Tools Used

Database Backup

Created a backup of the existing database before applying changes.

Schema Updates

Updated Sanity schema to match API response.

Data Migration

 Wrote and executed the importSanityData.mjs script to transform existing data.

Testing and Validation

- Installed Sanity CMS using npm install -g @sanity/cli.
- Initialized Sanity Studio using sanity init.

Setting Up Environment

 Created .env.local and added SANITY_PROJECT_ID and SANITY_API_TOKEN.

Schema Setup

- Created product.ts schema file and defined product structure.
- Updated schemaTypes index file to include the new product schema.

Data Import Script

- Created scripts/importSanityData.mjs for importing data.
- Used fetch to retrieve products and upload them to Sanity.

Running Data Import

API Calls

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         > blog
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         5 pert.
          3 checkout
                                                 console.error('Error uploading product:', error);
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8.38ixid-M3xx7p33f088MbxxxC08bybxMxd1fbb8fGxxfD88fbk8fAX2053D
     3. OUTLINE
     > TIMELINE
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```

Data Successfully Displayed in Frontend



Data Successfully Displayed in Frontend

