

DAY 3 -

API

INTEGRATION AND

DATA MIGRATION

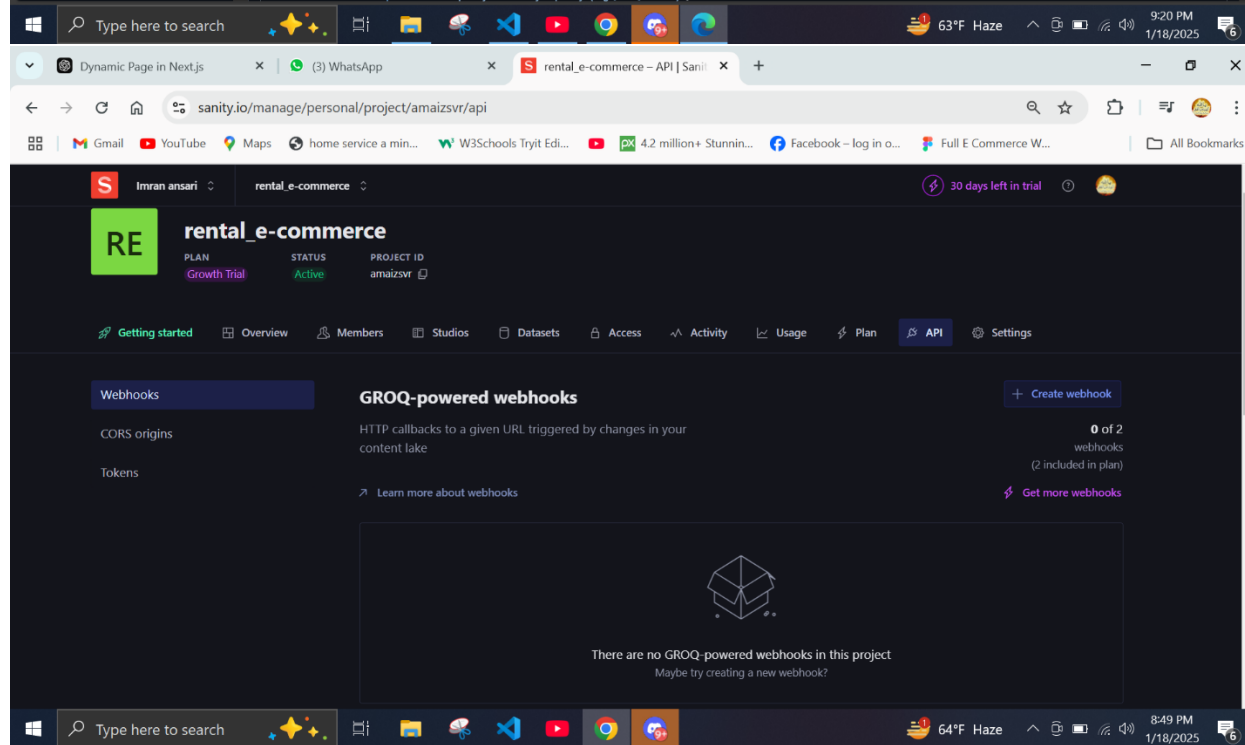
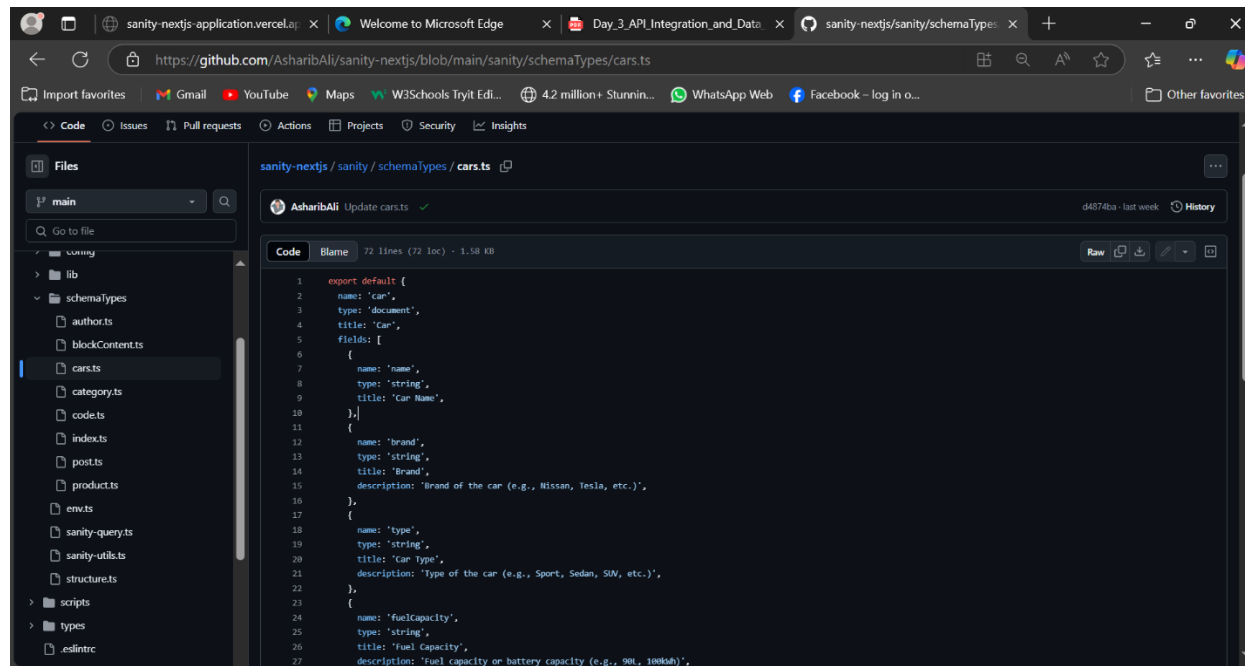
Here's a breakdown to help you structure Day 3's focus on integrating APIs and migrating data into Sanity CMS:

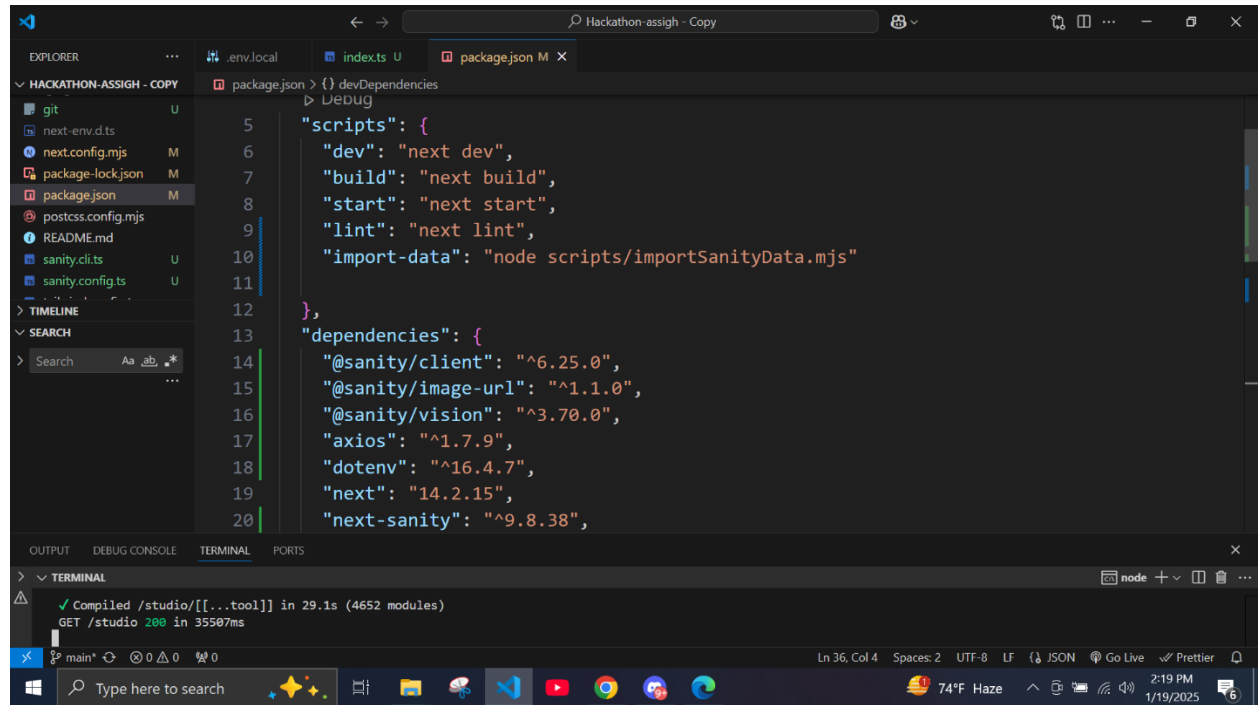
Objective Recap

Students will learn how to integrate APIs, migrate data into Sanity CMS, and align schemas with real-world marketplace needs. This includes exploring common eCommerce platforms and preparing to work with headless APIs or existing data sources.

Key Learning Outcomes

1. **API Integration with Next.js**
 - Understand the basics of fetching data using REST or GraphQL APIs in a Next.js application.
 - Learn to work with asynchronous API calls using `getStaticProps`, `getServerSideProps`, or client-side fetching with `useEffect` or `SWR`.
2. **Migrating Data into Sanity CMS**
 - Configure Sanity schemas to accept data from external sources.
 - Utilize the Sanity Client for uploading and managing data programmatically.
 - Learn best practices for structuring data and ensuring it adheres to Sanity's requirements.
3. **Using eCommerce Data Sources**
 - Explore common APIs provided by platforms like Shopify, WooCommerce, or WordPress.
 - Understand how to adapt data from various sources to fit into a unified CMS like Sanity.
4. **Schema Validation & Alignment**
 - Understand how to create schemas in Sanity that match external data structures.
 - Explore techniques for normalizing data and ensuring compatibility with the front-end templates.





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Other



v2025-01-19

raw



https://p2llvjbn.api.sanity.io/v2025-01-19

QUERY

```
1 *[_type == "car"]
```

```
2
```

RESULT

[...] 16 items

▼ 0: {...} 15 properties

fuelCapacity: 90L

pricePerDay: \$99.00

_createdAt: 2025-01-19T08:45:12Z

originalPrice: null

_rev: EJwKv1AMm1jkttyWGSnUNV

_type: car

type: Sport

_id: EJwKv1AMm1jkttyWGSnUQX



_updatedAt: 2025-01-19T08:45:12Z

▼ image: {...} 2 properties

PARAMS

```
1 {
```

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