

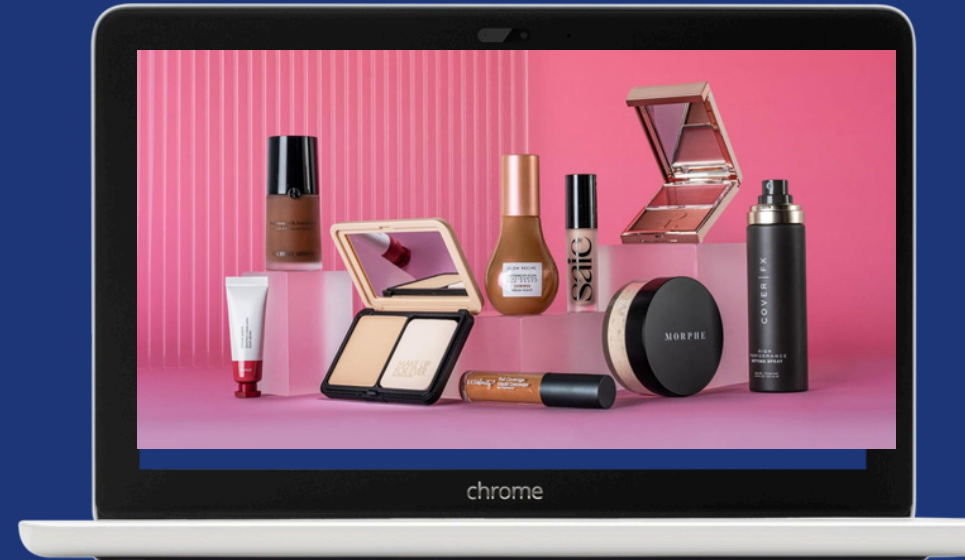
Prepared by  
Osama Hassan

# Hackathon Day 3

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Day3 API Integration and Data  
Migration

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# Day 3: API Integration and Data Migration

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## 1. Introduction

This document outlines the process of API integration and data migration for your skincare makeup product website. The goal is to ensure seamless communication between the frontend and backend, as well as migrate existing data to the new system.

## 2. API Integration Plan

### A. API Architecture

We will use a RESTful API to facilitate integration between the frontend (Next.js) and the backend (Sanity CMS). The backend will serve data to the frontend through various endpoints, and the frontend will interact with this data using HTTP requests.

# API Integration Process

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1. Frontend (Next.js)  
On the frontend, we will use axios or fetch to send API requests to the backend.
2. Backend (Sanity CMS)  
The backend will be Sanity CMS, which will store the data and provide APIs. We will use appropriate HTTP methods (GET, POST) to create routes for each endpoint.
3. Authentication  
Authentication will not be implemented in this project as it is not required for the makeup website

# API Integration and Data Migration with Sanity and Schema

```
export default {  
  name: "product",  
  type: "document",  
  title: "Product",  
  fields: [  
    {  
      name: "id",  
      type: "number",  
      title: "ID",  
    },  
    {  
      name: "image",  
      type: "image",  
      title: "Image",  
    },  
    {  
      name: "name",  
      type: "string",  
      title: "Product Name",  
    },  
  ],  
}
```

```
{  
  name: "price",  
  type: "number",  
  title: "Price",  
},  
{  
  name: "category",  
  type: "array",  
  title: "Category",  
  of: [{ type: "string" }],  
},  
{  
  name: "sale",  
  type: "boolean",  
  title: "On Sale",  
},  
];
```

[+ Create](#)[Structure](#)[Vision](#)[Schedules](#)[Tasks](#)

Content

[Product](#)

Product



Yves Saint Laurent Libre



Touch Keratosis Pilaris



Natural Tea Body Wash



Minerals Matte Lipstick



Gloss Pink with Collagen



Afterglow Sensual Shine Lipstick



Motivated Matte Lipstick



Flormar Kiss Me More Lip Tattoo



Afterglow Sensual Shine Lipstick



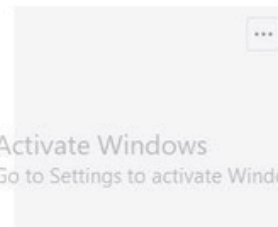
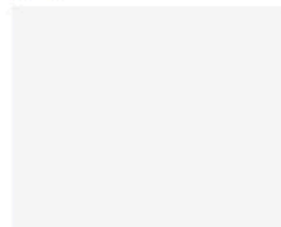
Product

# Afterglow Sensual Shine Lipstick

ID



Image



What's new

Sanity Create Content Mapping, Visual Editing, and Content Releases

Activate Windows  
Go to Settings to activate Windows.



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## New Arrival

ALL

SKIN CARE

LIPSTICKS

MAKEUP

NAIL & WAX



Touch Keratosis Pilaris

\$29.00  
skin care



Arabica Coffee Body Scrub

\$79.00  
skin care



Natural Tea Body Wash

\$38.00  
skin care



Dior One Essential Skin Boosting  
Super Serum

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*Thank you*

By Sakeena Majeed