Prepared by
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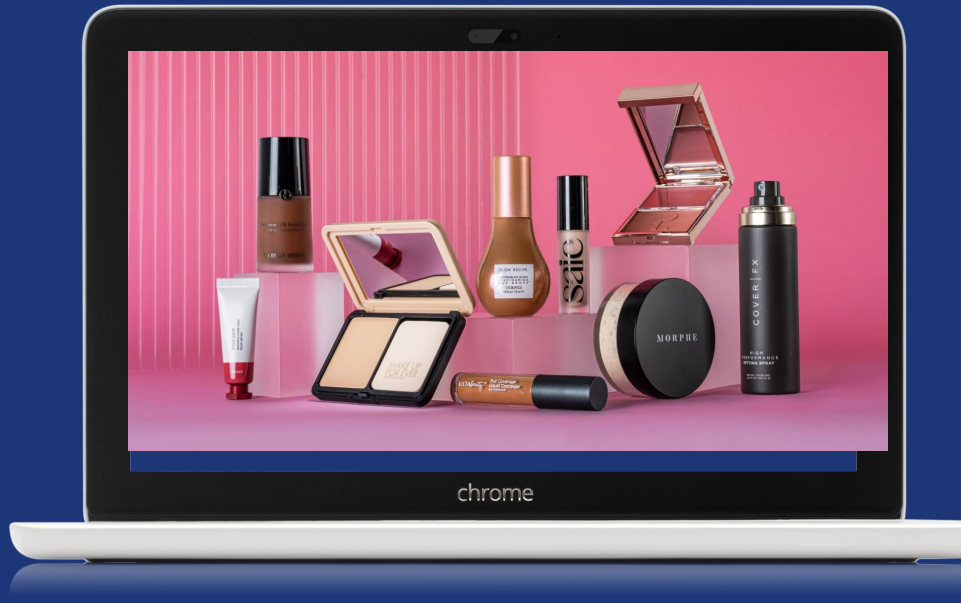
Hackathon Day 3

Day3 API Integration and Data Migration



Day 3: API Integration and Data Migration

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

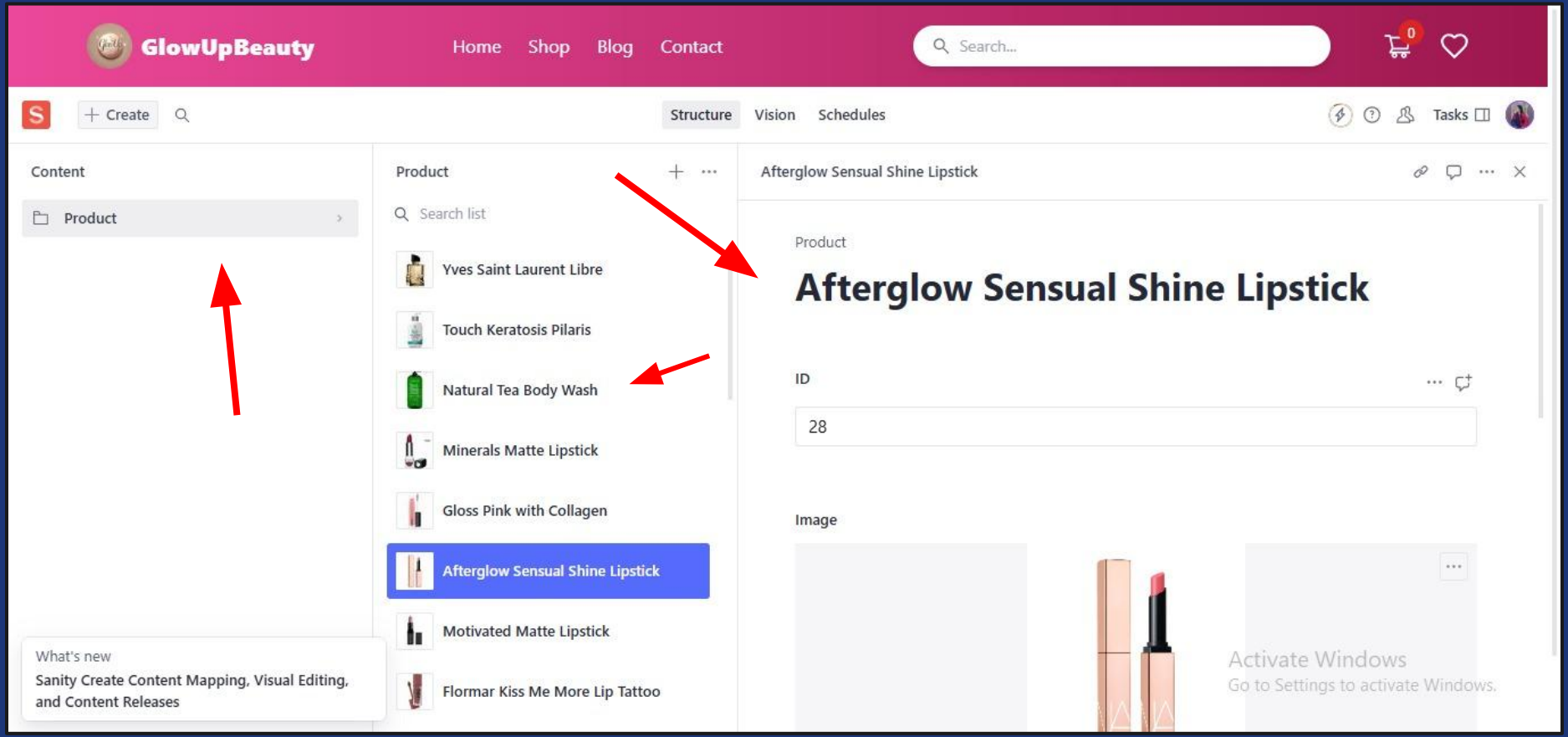
We will use a RESTful API to facilitate integration between the frontend (Next.js) and the backend (Sanity CMS). The backend will serve data to the frontend through various endpoints, and the frontend will interact with this data using HTTP requests.

API Integration Process

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",
    },
  ],
};
```


GlowUpBeauty
Home
Shop
Blog
Contact
Search...
0
Create
Structure
Vision
Schedules
Tasks
Content
Product
Product
Search list
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
What's new
Sanity Create Content Mapping, Visual Editing, and Content Releases
Afterglow Sensual Shine Lipstick
Product
Afterglow Sensual Shine Lipstick
ID
28
Image
Activate Windows
Go to Settings to activate Windows.

GlowUpBeauty

Home Shop Blog Contact

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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

Activate Windows
Go to Settings to activate Windows.

Thank you

By Alishba Majeed