

Daria Zelenska
Capstone Project 2
Initial Project Ideas
October 1, 2024

Project Proposal: Nyxis Makeup Shop



Nyxis is a React-based makeup shop web application that provides users with a seamless shopping experience. The application will be powered by the Makeup API (<http://makeup-api.herokuapp.com/?ref=apilist.fun>), offering a wide range of products to explore, search, and purchase.

Key Features:

- **User Account Management:**
 - Users can create an account (Sign up) and log in.
 - Users will be able to manage and track their favorite products.
- **Shopping Cart:**
 - Add products to the shopping cart for an easier checkout process.
- **Search Functionality:**
 - Search products by brand, product type, product category, product tags, and price.
- **Favorites Tracking:**

- Users can save favorite products for easy access in the future.

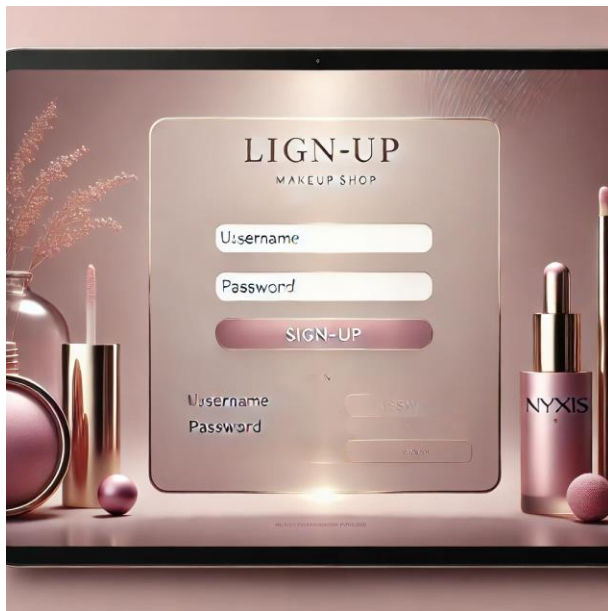
Planned Feature:

- **Personalized Picks:**

- Upon creating an account, users will be prompted to fill out a form with their preferences (e.g., preferred foundation color, preferred lipstick color, favorite brands).
- The website will then filter a “Picks for You” page, showcasing products based on these preferences.
- This feature is currently planned but not yet confirmed to work as expected.

Technology Stack:

- Frontend: React.js
- API: Makeup API (<http://makeup-api.herokuapp.com/?ref=apilist.fun>)



Project Proposal: Recipe Explorer – Epicure



** The name **Epicura** suggests a platform for discovering refined or delightful recipes, appealing to users who enjoy culinary pleasures.*

Recipe Explorer is a React-based web application that allows users to discover, search, and explore a wide variety of recipes. The application will utilize TheMealDB API (<https://www.themealdb.com/api.php?ref=apilist.fun>) to provide users with detailed information on meals, ingredients, and cooking methods from around the world.

Key Features:

- **Search for Meals:**
 - Users can search for meals by name to easily find specific recipes.
- **Meal Details:**
 - Users can view full details for each meal, including instructions, ingredients, and serving suggestions.
- **Random Meal:**
 - A feature that provides a random meal suggestion, perfect for users who are unsure of what to cook.
- **Filter by Category:**
 - Users can filter meals by different categories (e.g., appetizers, main courses, desserts) to find what they need.
- **Ingredient Explorer:**
 - Users can look at a meal's ingredients list and filter meals by a main ingredient.
- **Filter by Area:**

- Users can filter meals based on different cuisines (e.g., Italian, Chinese, Mexican) to explore global flavors.

Technology Stack:

- Frontend: React.js
- API: TheMealDB API (<https://www.themealdb.com/api.php?ref=apilist.fun>)



Project Proposal: Mixology Heaven



Mixology Heaven is a React-based web application designed to help users discover and create a wide variety of cocktails. Using TheCocktailDB API (<https://www.thecocktaildb.com/api.php?ref=apilist.fun>), users can explore cocktail recipes, filter by preferences, and learn about different ingredients.

Key Features:

- **Search Cocktails by Name:**
 - Users can search for cocktails by name to find their favorite drink recipes.
- **Ingredient Search:**
 - Users can search for specific ingredients and discover cocktails that use those ingredients.
- **Cocktail Details:**
 - Lookup full details of any cocktail by its ID, including instructions, ingredients, and garnish tips.
- **Random Cocktail:**
 - A feature that provides a random cocktail suggestion, ideal for users looking for new inspiration.
- **Search by Ingredient:**
 - Users can search for drinks that include a particular ingredient, like gin, rum, or vodka.
- **Filter by Alcohol Content:**
 - Filter options allow users to browse alcoholic and non-alcoholic beverages.

- **Filter by Category:**
 - Users can filter cocktails by category (e.g., ordinary drink, cocktail) for a more tailored browsing experience.

Technology Stack:

- Frontend: React.js
- API: TheCocktailDB API (<https://www.thecocktaildb.com/api.php?ref=apilist.fun>)

