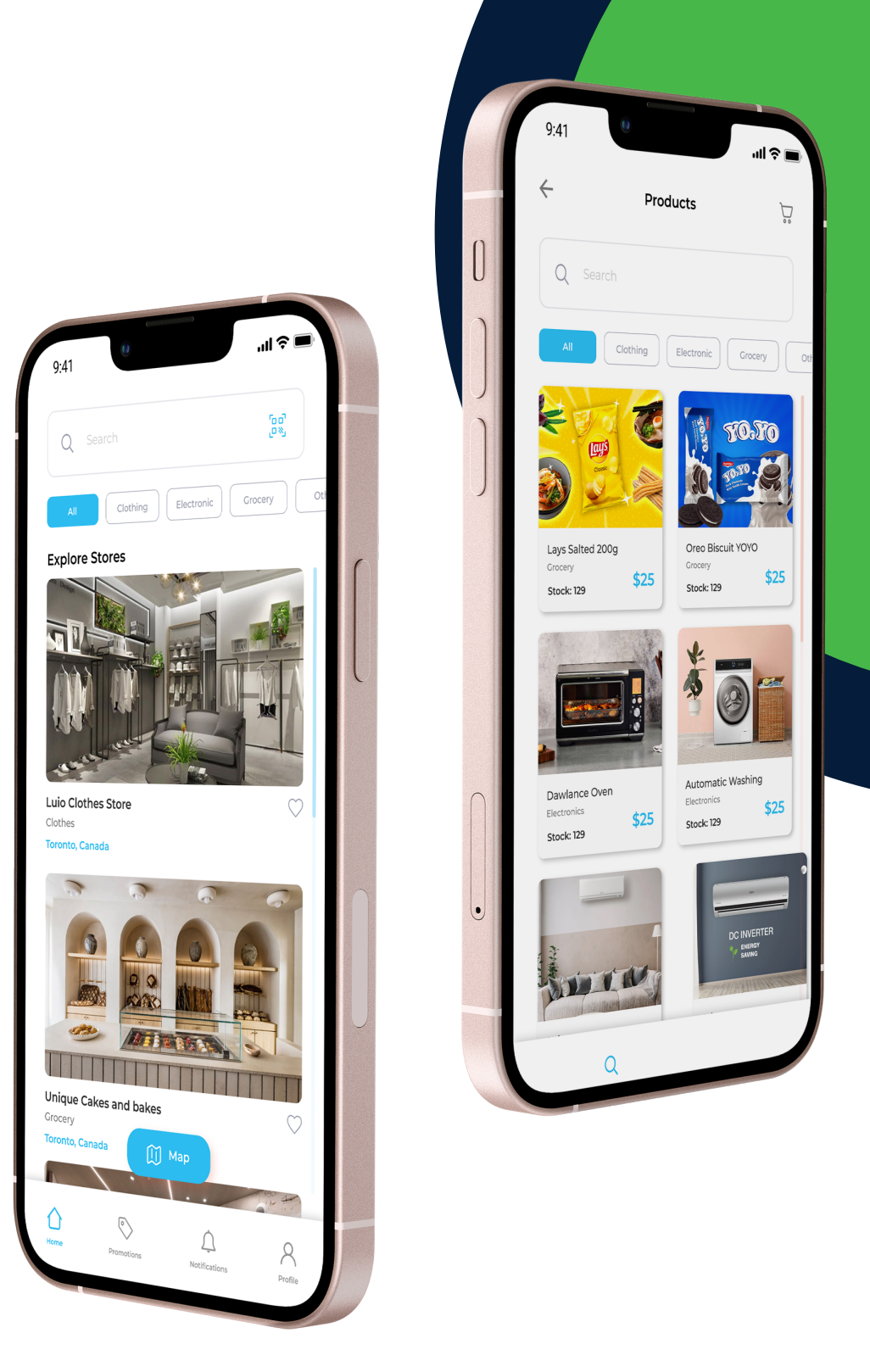
SKIPALINE
No lines, Just shopping

sumato solutions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Oreo Biscuit YOYO
Dawlance Oven
Automatic Washing

Project Case Study

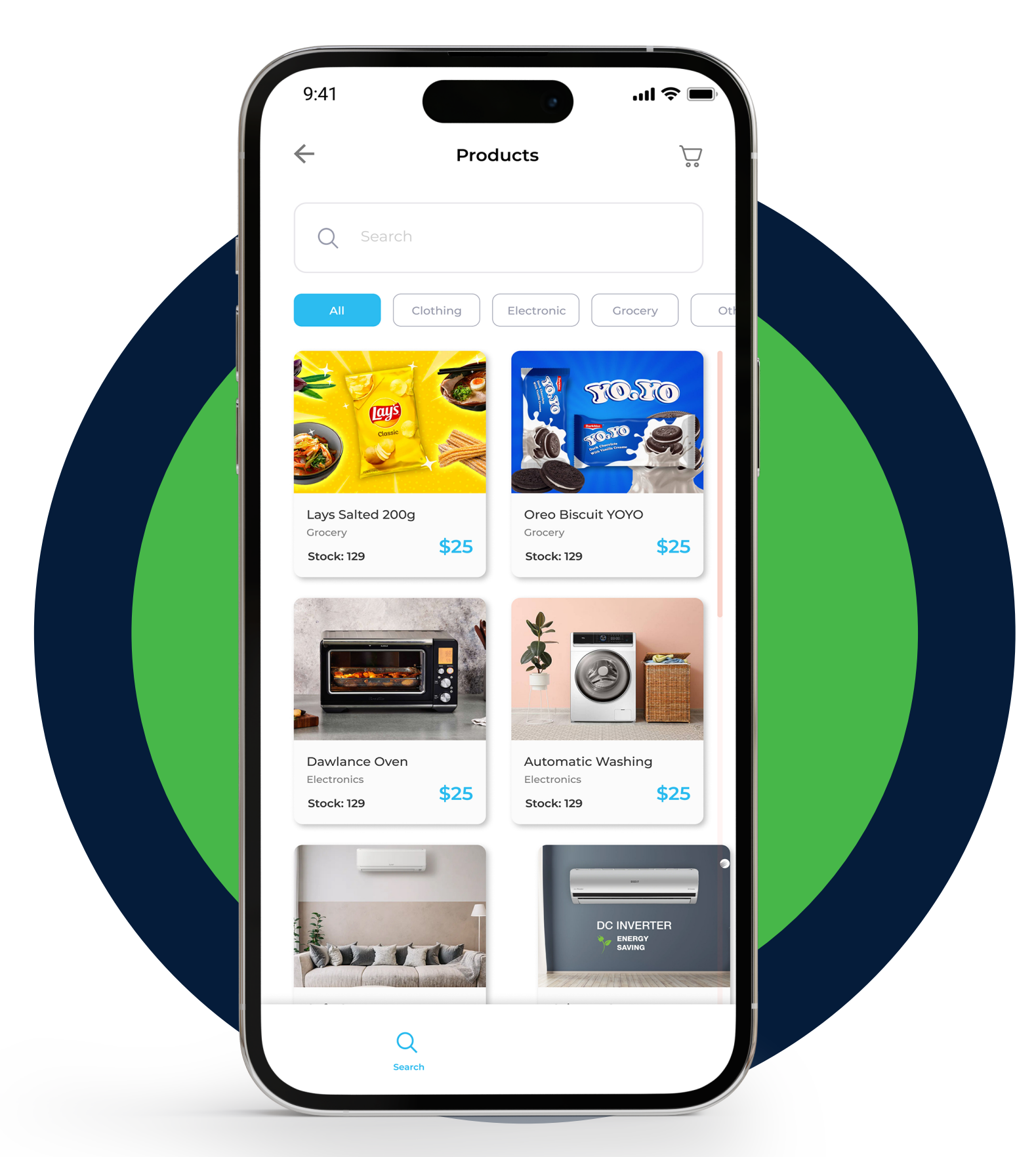
SkipAline

Delivering Communication Solutions
without compromise.

Project Overview

“Skip a Line” is a mobile app designed to make shopping faster and more convenient for both customers and stores. With the app, customers can easily scan products, make payments, and skip the checkout lines, all from their phones. The app also offers the option to shop online for discounts and pick up orders in-store.

For stores, "Skip a Line" streamlines operations by providing a platform to manage inventory, create promotions, handle orders, and track customer activity. It helps improve the shopping experience, making it easier and more efficient for consumers and store owners.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Core Problem

Traditional shopping often leads to long waits and unnecessary hassles. Shoppers spend time waiting in checkout lines, and stores face challenges in managing inventory and delivering smooth service. Both customers and stores need a better solution to streamline the shopping process.

Solution

"Skip a Line" solves this problem by providing a mobile app that speeds up shopping for both customers and store owners. The app allows customers to pay directly within the app, scan QR codes for easy product selection, and shop online with an option for in store pickup. By simplifying these tasks, it makes shopping faster and more convenient for everyone. To build the app, we used Flutter for an easy mobile experience, Node.js for quick and reliable backend performance, and integrated Google Maps for store location and Stripe for secure payments, ensuring a smooth and efficient shopping process.

Process Implementation

Traditional shopping often leads to long waits and unnecessary hassles. Shoppers spend time waiting in checkout lines, and stores face challenges in managing inventory and delivering smooth service. Both customers and stores need a better solution to streamline the shopping process.

Our team focused on testing each feature to make sure everything worked perfectly. After thorough testing, we delivered the app with enhanced features, making shopping quicker and easier for customers while helping stores run more smoothly.

Key Features

1. Consumer App

- **Account Creation & Verification:** Users can sign up and verify their accounts.
- **Store Locator:** Find nearby stores via map or list.
- **QR Code Entry:** Scan a store QR code to begin shopping.
- **Product Scanning:** Scan product barcodes for details and purchase.
- **In-App Payment:** Pay directly through the app.
- **Order Pickup:** Schedule pickup for online orders with promotions.
- **Promotion Section:** Access discounted products.
- **Track Orders:** View order status based on category.

2. Store App

- **Account Creation & Verification:** Store owners create accounts and manage staff.
- **Inventory Management:** Upload and track product details and quantities.
- **Promotion Management:** Create and feature product discounts.
- **Order Management:** Manage in-store and online orders, including verification.
- **Employee Management:** Handle employee accounts and permissions.
- **Analytics & Reporting:** Gain insights on sales, inventory, and customer behavior.

3. Parent Admin Web Portal

- **Dashboard:** Key metrics like verified stores/users, sales earnings, and trends.
- **User Management:** Admin can verify, update, or delete user accounts, and view profiles.
- **Store Management:** Verify stores and manage details like sales, inventory, and promotions.

Technology Stack

Mobile App: Flutter

Flutter

Web App: React.js

React

Back-end: Node.js

node JS

Database: MongoDB

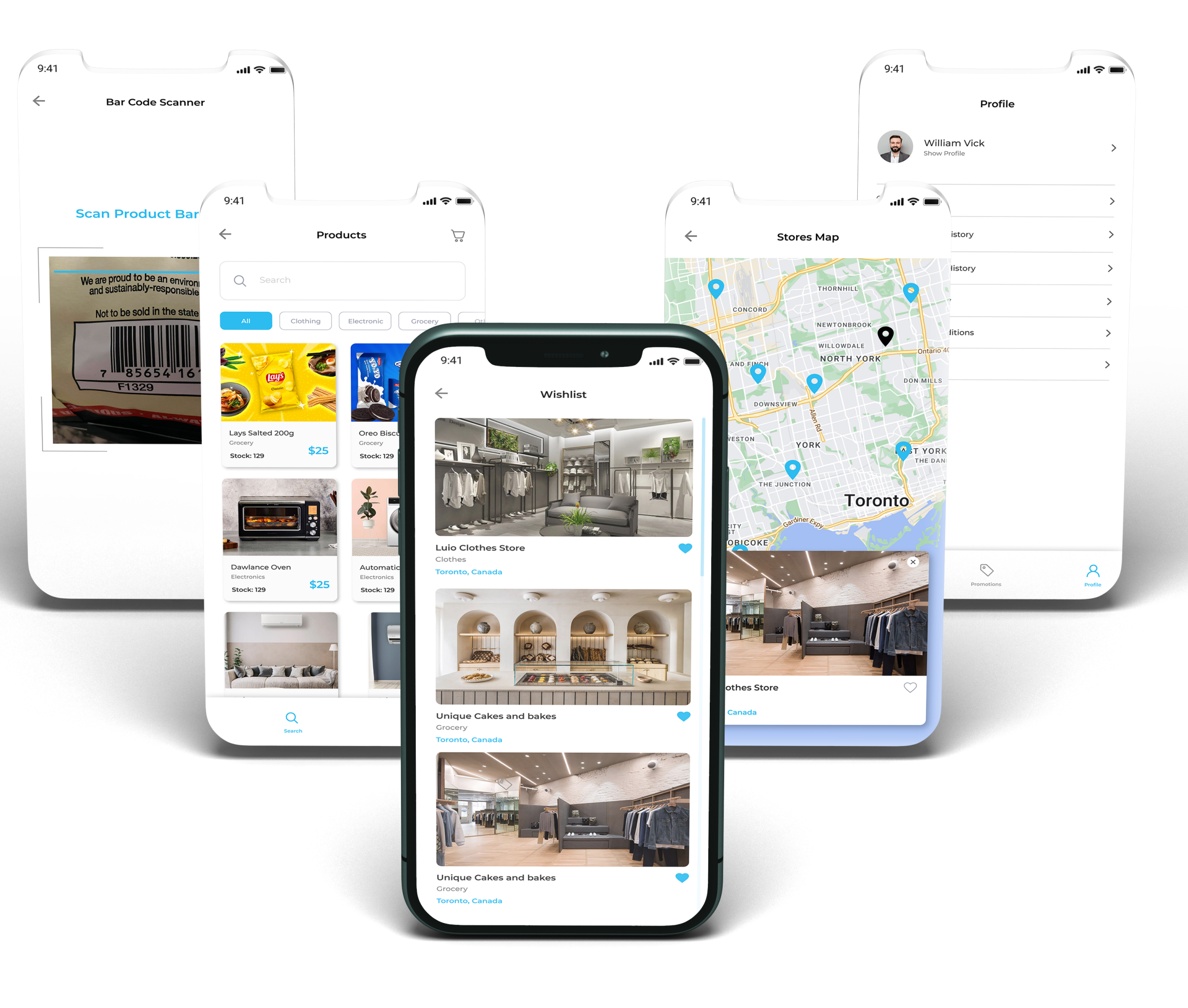
mongoDB

Third-party Integrations:

Google Maps

Stripe

Mobile Screens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