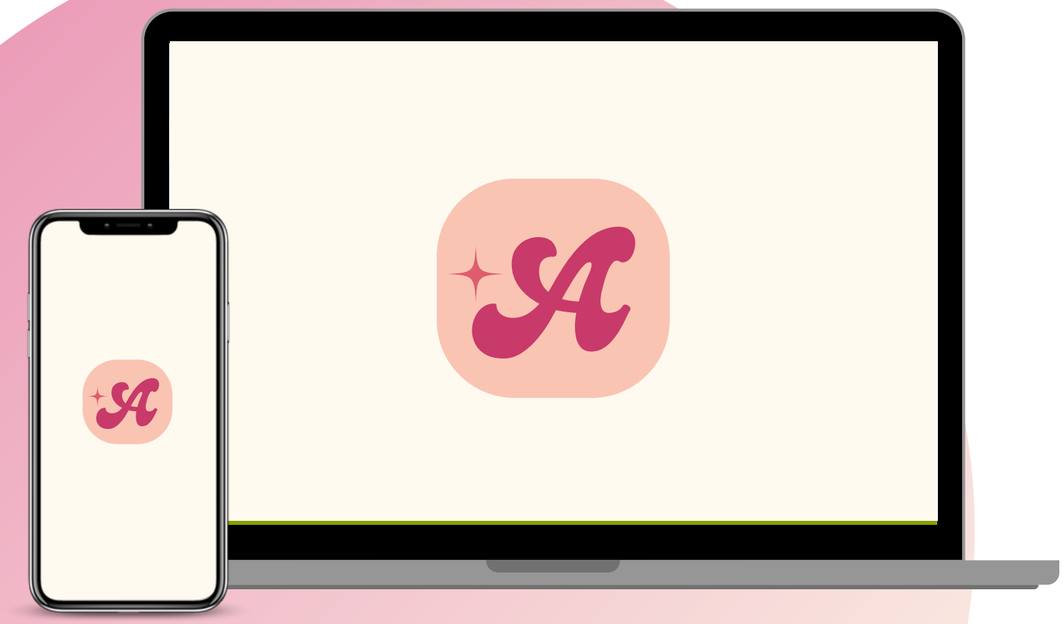
Auréva

E-COMMERCE COSMETICS APP

CSE299, SECTION-9.
MSRB

INTRODUCTION

Auréva is a full-stack mobile application designed to simplify and enhance the online shopping experience for cosmetics users. The goal is to create a reliable, user-friendly, and scalable platform that connects cosmetic product sellers with buyers via a clean and intuitive interface. Developed as a CSE course project, Auréva demonstrates proficiency in mobile development, backend integration, and database design.



PURPOSE & SCOPE

- To develop a responsive e-commerce app dedicated to cosmetics
- To support both Android and iOS platforms using React Native
- To include admin functionalities for managing users, products, and orders

TARGET USERS

The application is primarily intended for two types of users: general customers who want to browse, explore, and shop for cosmetics online in a seamless and convenient way, and admin users who are responsible for managing the platform’s content, handling product listings, processing orders, and overseeing customer interactions.

OBJECTIVES

- Design a user-friendly interface with easy navigation.
- Implement features like product filtering, cart management, and secure checkout.
- Enable user authentication, order tracking, and review submissions.
- Create an admin panel for backend control of operations.

FEATURES (USER SIDE)

- Home screen with banners and featured products
- Detailed product view including images, descriptions, and reviews
- Cart and checkout system
- User login/registration and profile management
- Wishlist and search functionality

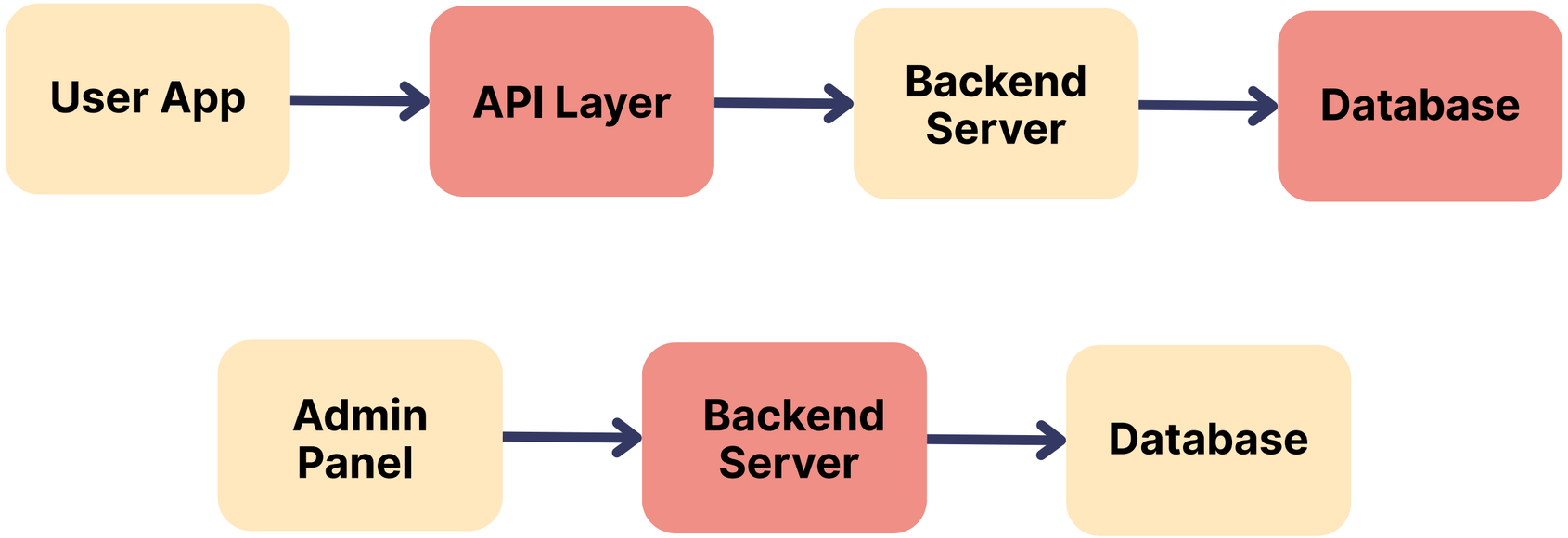
FEATURES (ADMIN PANEL)

- Sales dashboard
- Order tracking and status updates
- Product management (add/edit/delete)
- User and review management

TECH STACK

- **Frontend**: React Native
- **Backend**: Node.js
- **Database**: MySQL
- **Authentication**: Firebase Auth
- **Payment Integration**: SSLCommerz

SYSTEM ARCHITECTURE



FUTURE IMPROVEMENTS

1. AI-based product recommendations
2. AR try-on features
3. Bangla language support
4. Seller dashboard for multiple vendors

CONCLUSION

This project aims to build a functional and scalable cosmetics e-commerce application that highlights real-world application of full-stack development concepts. Auréva demonstrates technical skills in frontend design, backend logic, API integration, and system architecture suitable for professional deployment.

TEAM MEMBERS

Jeba Tabassum Urbi	2231034642
Maisha Ayman Tushin	2211766042
Samia Islam	2231642042
Sheikh Mahpara Ema	2021784642
Sajin Ahmed Nirjona	2011108642

THANK YOU