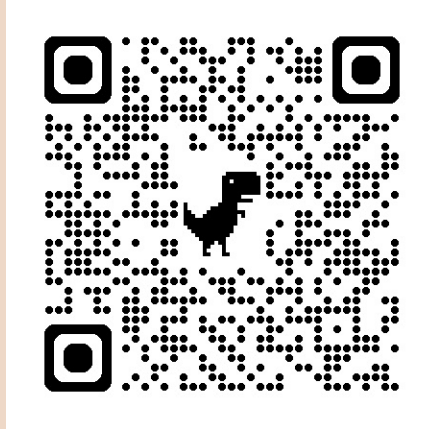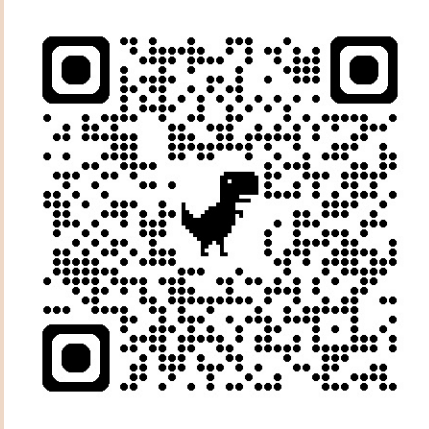# ByteBite

ByteBite turns food cancellations and surplus into opportunities for reuse and impact. By enabling real-time meal redistribution, users can claim discounted canceled orders or donate them to nearby shelters —all through a unified, intelligent dashboard.

With live notifications, preference tagging, and driver/shelter dashboards, ByteBite makes delivery faster and more sustainable by turning cancelled meals into donations.
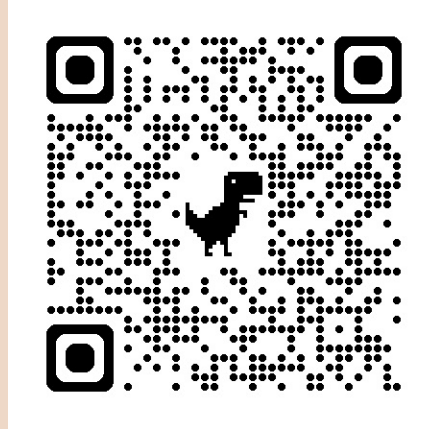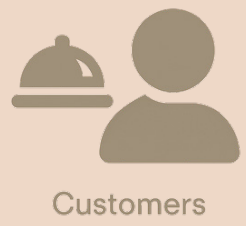
Github Repo:

Tests:

Demo:

Stakeholders:

Customers · Restaurant · Delivery agent · Shelters/NGOs · Admin

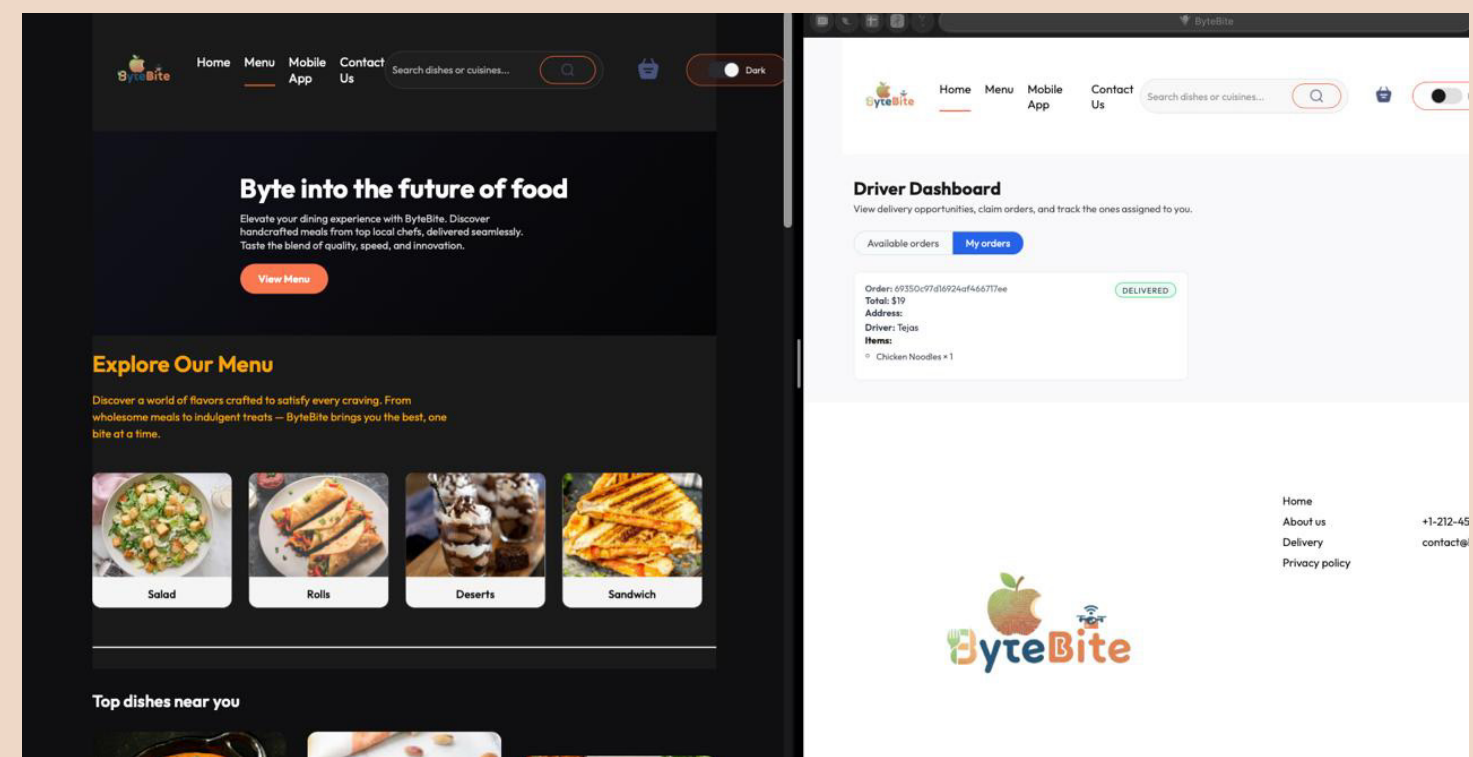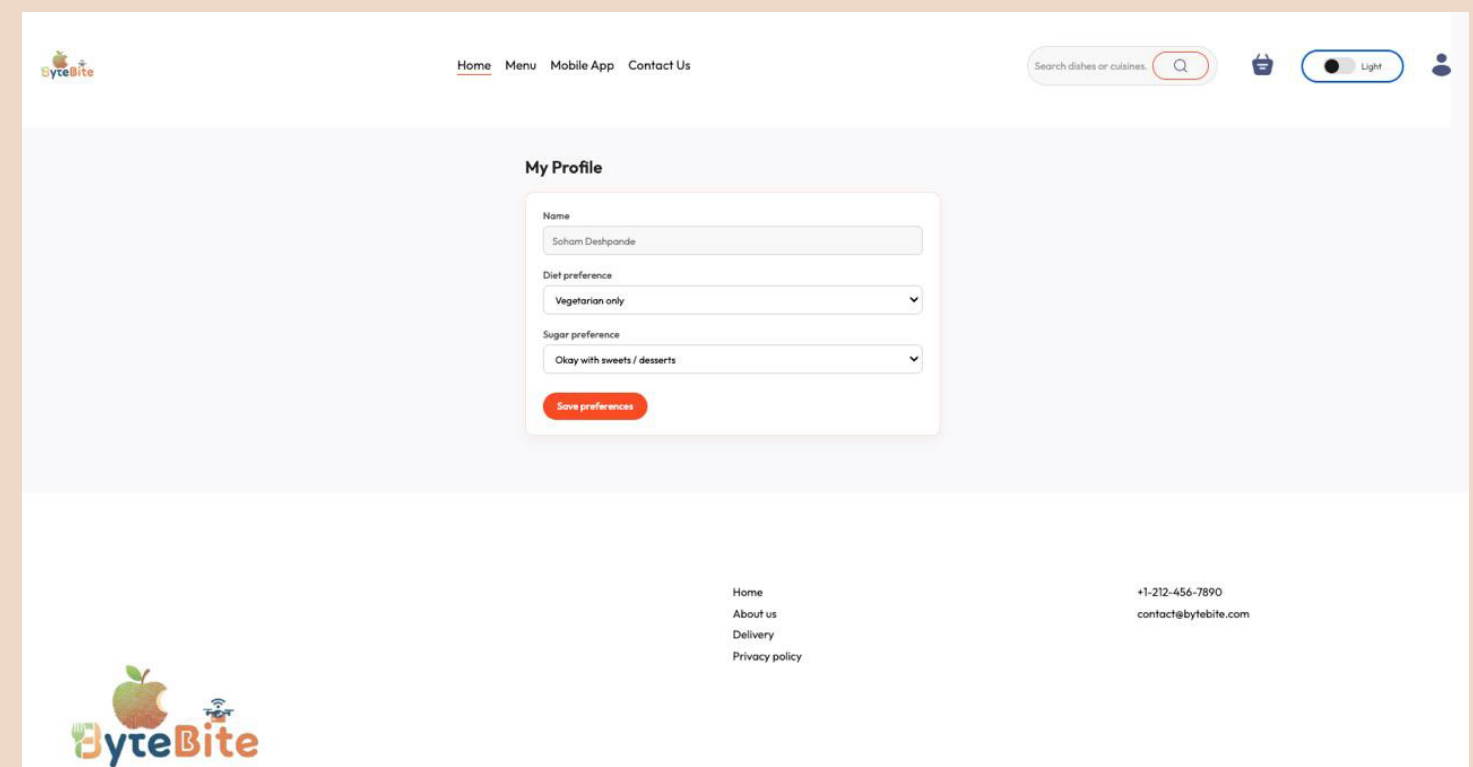**261 tests**

Driver Dashboard

What was done

- **Cancel-to-Redistribute:** Converts canceled orders into real-time redistributable offers claimed instantly at discounted prices.
- **Shelter Distribution Pipeline:** Connects surplus food with nearby shelters and NGOs to reduce waste.
- **3D Visualization:** Adds realistic 3D meal previews to provide realistic expectations.
- **Admin Dashboard:** Centralizes food, order, and shelter management for efficient operations.

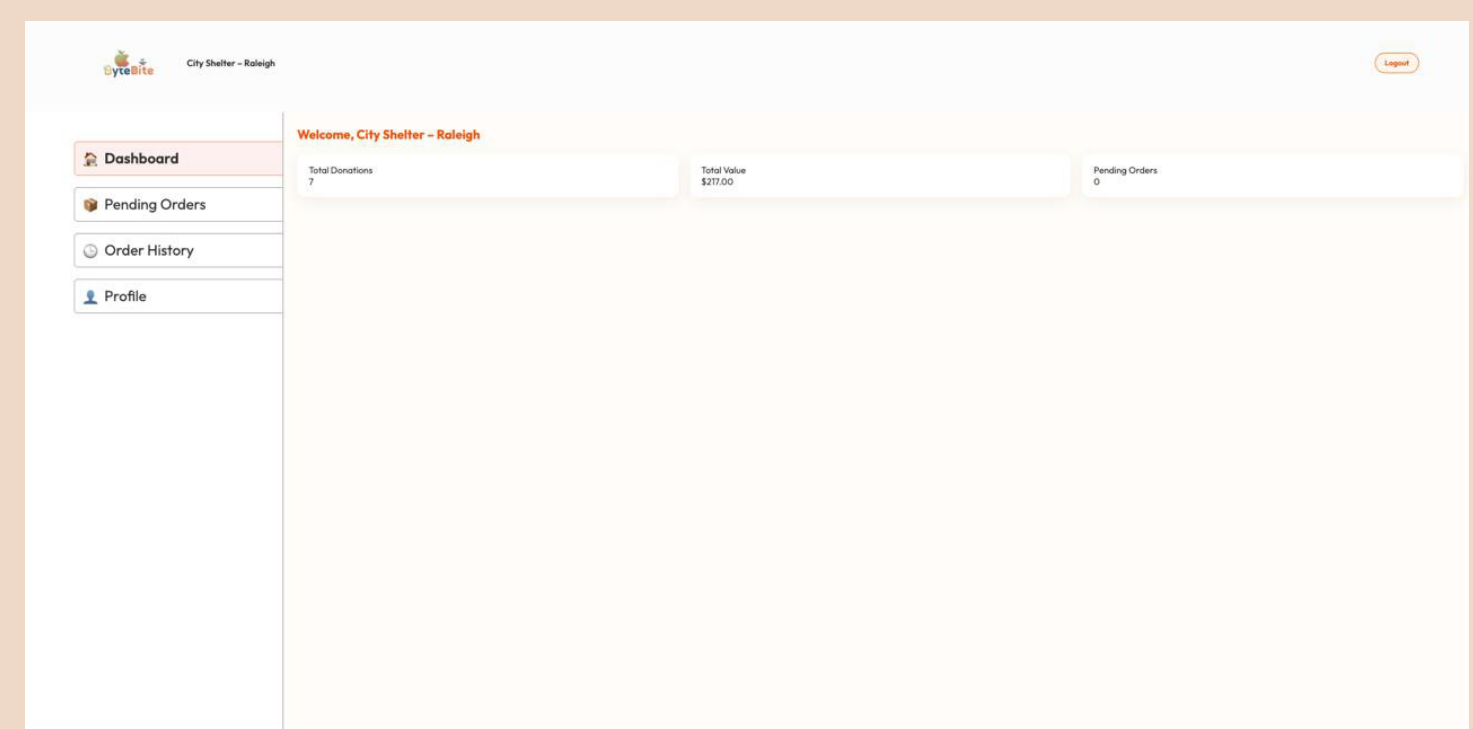
User Dashboard

What we did

- **Driver Dashboard:** Built a Driver Dashboard that lets drivers view "Ready for Pickup" orders, manage accepted and out-for-delivery orders, and seamlessly mark deliveries as completed.
- **Shelter Dashboard:** Built a Shelter Dashboard that allows shelters to accept or decline donation requests and view their donation history, including all past fulfilled orders.
- **Preference Filters:** Added customer preference tags (Veg / No Sugar) to ensure the notifications they received were more relevant and meaningful.
- **Enhanced UI experienced**: Implemented dynamic menu-item filtering and optimizing dashboard layout and responsiveness.
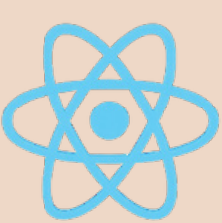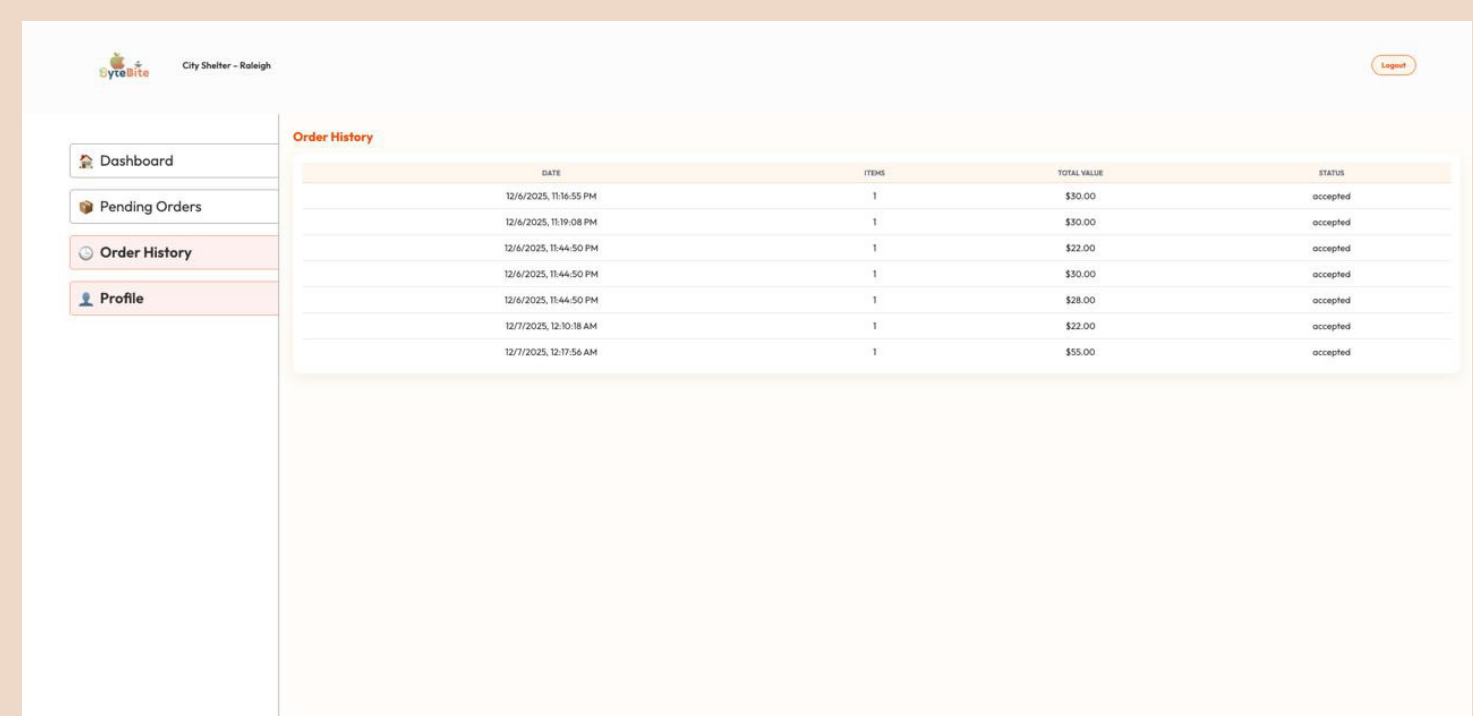

Shelter Dashboard

Section 2 Group 3:
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