

Smart WIC Cart

SCAN SMARTER. SHOP FASTER. STRESS LESS.

Mission Statement

Families using WIC often face aisle confusion, out-of-stock items, and checkout rejections, causing stress and wasted time. Smart WIC Cart is a mobile app that scans barcodes to confirm

WIC eligibility, tracks category balances, and suggests substitutes. With checkout-ready lists and QR handoff, families shop confidently, stores speed up checkout, and agencies boost benefit use.

Stakeholders

- WIC Participants
- Store Associates
- Vendors
- State Agencies
- Developers/Admin

Milestones

October (Release 1 — MVP):

- Barcode scan → eligibility check
- Benefit tracker (record balances)
- Basket builder with category caps
- Swap Coach (basic substitutes)

November (Release 2 — Extended):

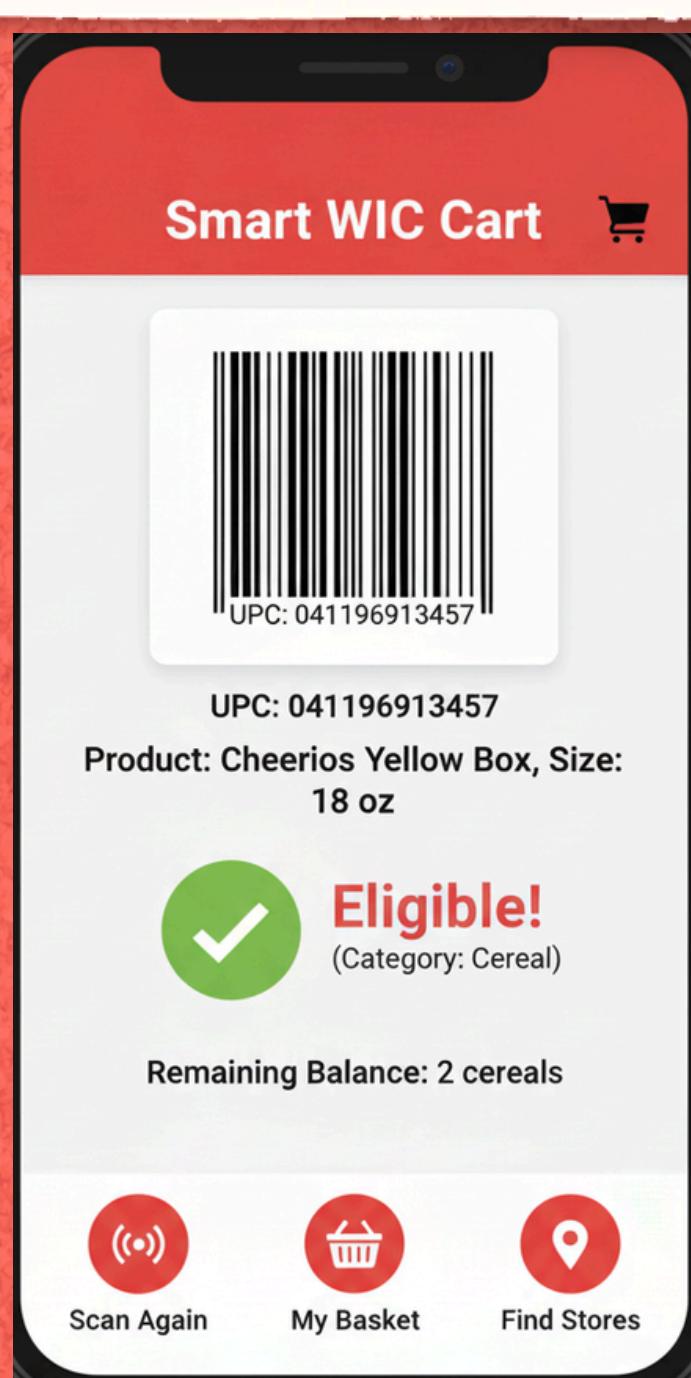
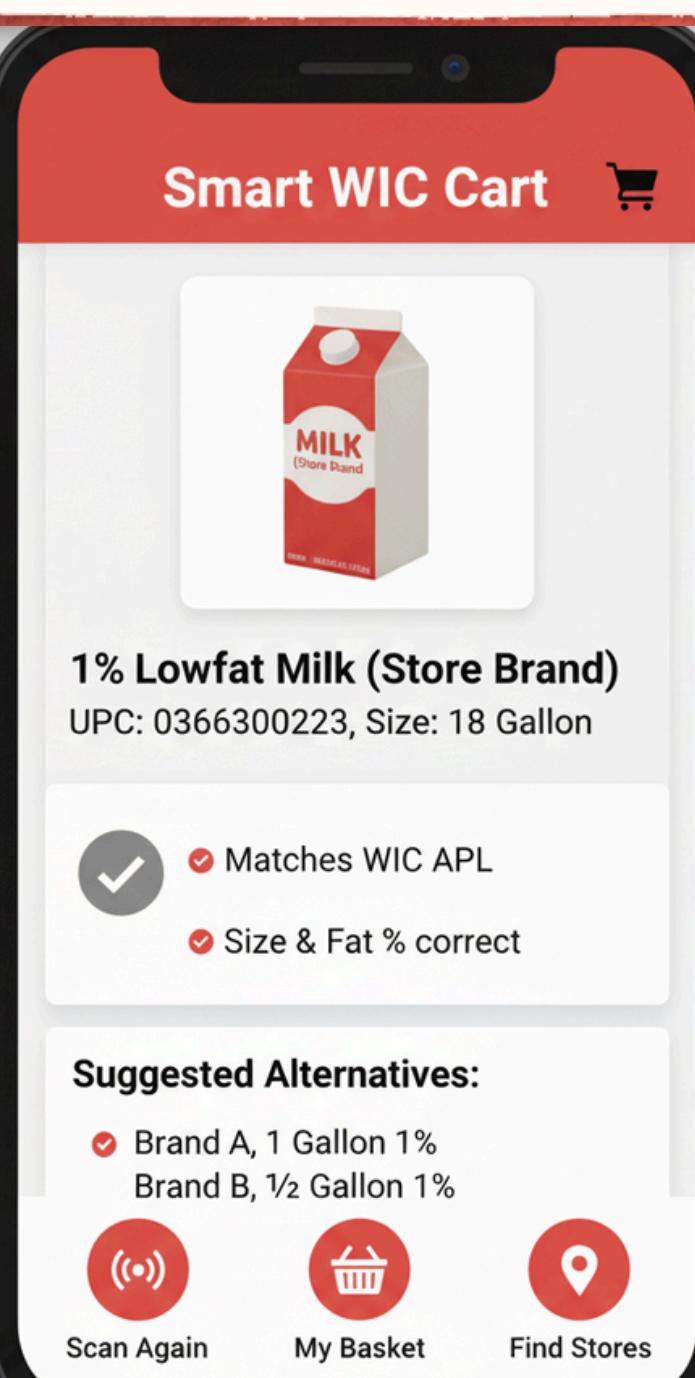
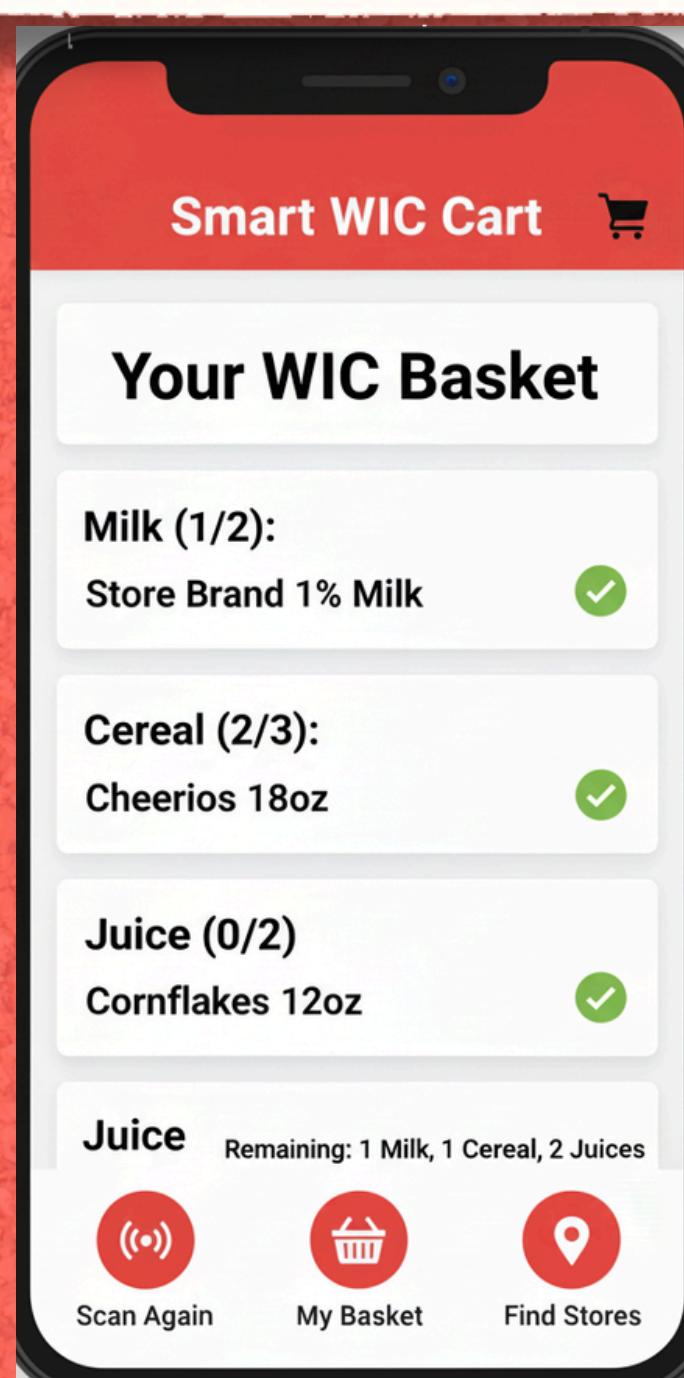
- 5. Offline APL Cache
- 6. Cheapest/closest swap ranking
- 7. Checkout QR snapshot for cashier handoff
- 8. Receipt OCR prototype for auto balance updates

Key Features

- Barcode Scanner – real-time eligibility check
- Benefit Tracker – manage category balances
- Smart Basket – checkout-ready lists
- Swap Coach – cheapest/closest alternatives
- Offline Mode – works without internet
- QR Checkout – quick cashier handoff

Group 19:

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GitHub Repo