# RouteDash
## QUICK STOPS. FRESH BITES.

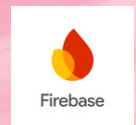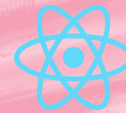**Aditya Baradwaj Rajan, Sanjana Chandrashekar, Aanand Jayakumari**          **Group 20**

## What is it?

The **RouteDash platform** is a travel-optimized food ordering system that transforms how people eat on the go. By integrating with navigation apps, RouteDash recommends restaurants along your exact route, matched to your estimated arrival time. With just a few taps, **customers** can schedule pickup so their meal is **hot, fresh, and ready on arrival** — eliminating the stress of long waits or random fast-food stops.

For **restaurants**, RouteDash creates predictable prep windows and a steady flow of pickup orders, while **platform admins** benefit from a lean, courier-free system that is simpler to scale. **Navigation providers** gain new use cases through route integration, and **payment partners** ensure secure, streamlined transactions. Whether on a daily commute or a cross-country road trip, RouteDash makes food pickup **seamless, reliable, and efficient.**



## Tech Stack



## What's Unique?

Unlike traditional delivery platforms, **RouteDash** is designed specifically for people on the move. Our pickup-only model eliminates courier logistics, making the system leaner, faster, and more sustainable. By synchronizing food preparation with a traveler's arrival time, RouteDash ensures meals are hot and ready without delays. With unique features like **route-based restaurant discovery**, **ETA-synced pickups**, and **traveler-friendly filters** for speed, diet, or local favorites, RouteDash delivers an experience no home-focused delivery app can match.

## Why RouteDash?

- No Couriers → Faster, greener, simpler.
- Pickup-Only → Meals without delivery delays.
- Travel-First → Designed for commuters & road-trippers.
- Smart Timing → Orders matched to your arrival.

## Release 1 Milestones

- **Route Registration via Maps API** – Allow users to enter or sync their travel route with Google Maps.
- **Restaurant Discovery by ETA** – Display restaurants along the route that match user arrival times.
- **Pickup Order + Simple Payment Flow** – Let users place an order with one payment method (Stripe test mode).
- **"Ready on Arrival" Scheduling** – Sync order prep with ETA so food is hot and ready when the traveler arrives.

## Release 2 Milestones

- **Gas/EV Stop Integration** – Combine food stops with refueling or charging station locations.
- **Traveler Filters** – Options for fast service, dietary needs (vegetarian/vegan), or local favorites.
- **Offline Trip Planning Mode** – Pre-plan food stops even in low or no-network areas.
- **Dynamic Re-routing + Analytics** – Adjust orders if the route changes; provide basic restaurant analytics (popular items, peak times).