



# MRT RIDE COST SHARING SYSTEM

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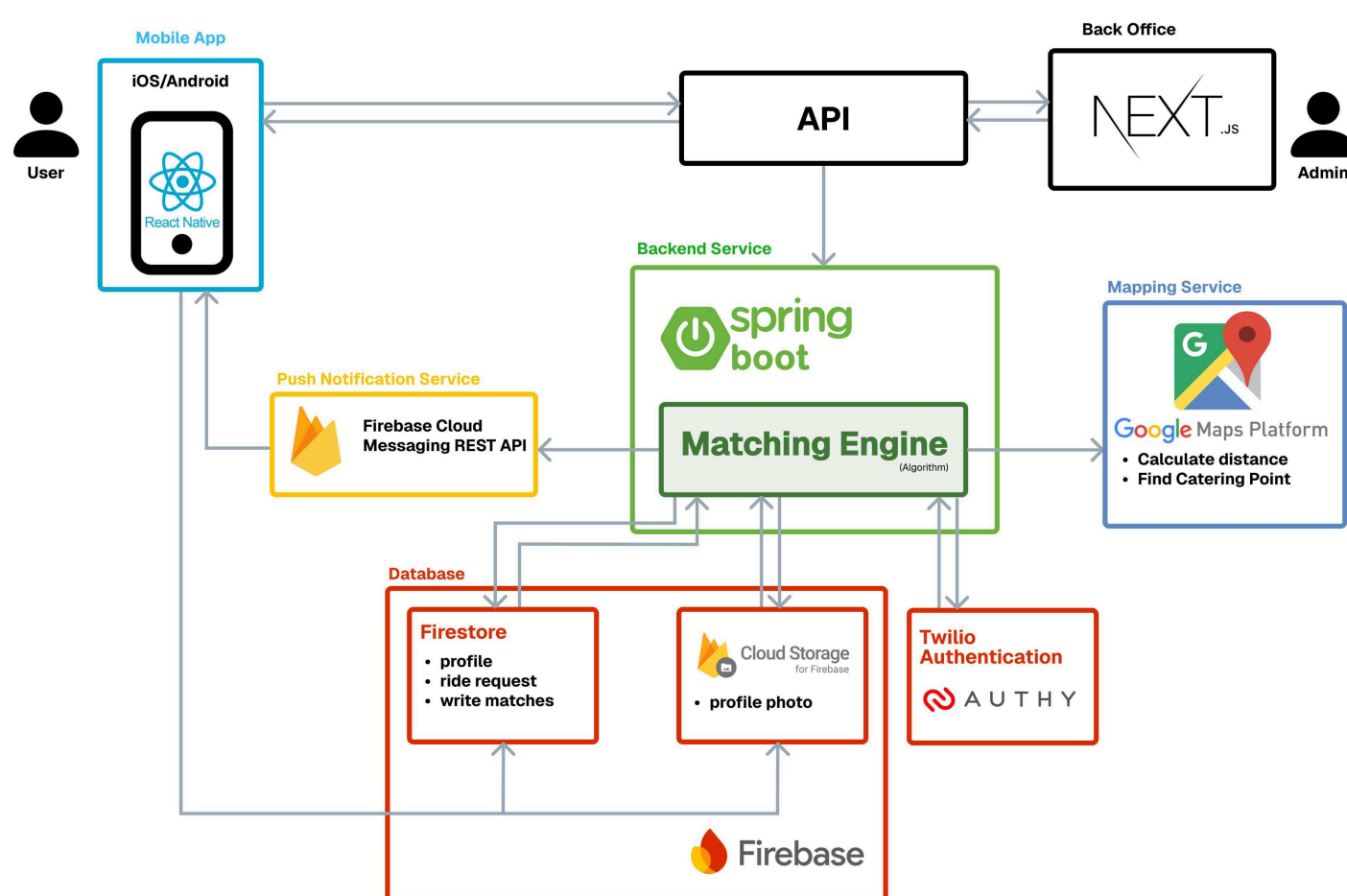
## PROJECT DESCRIPTION

- A mobile solution for MRT-based ride-sharing with fair cost-sharing.
- Integrates Twilio for OTP verification, Firebase (Firestore + Storage), and Google Maps API.
- Uses group matching and cost calculation algorithms to optimize shared rides.

## USER FLOW

- MRT Validation (GPS-based)
- Destination Input
- Smart Matching Algorithm
- Group Formation
- Trip History
- Fair Cost Splitting
- Shared Ride Booking
- Station Coordination Map

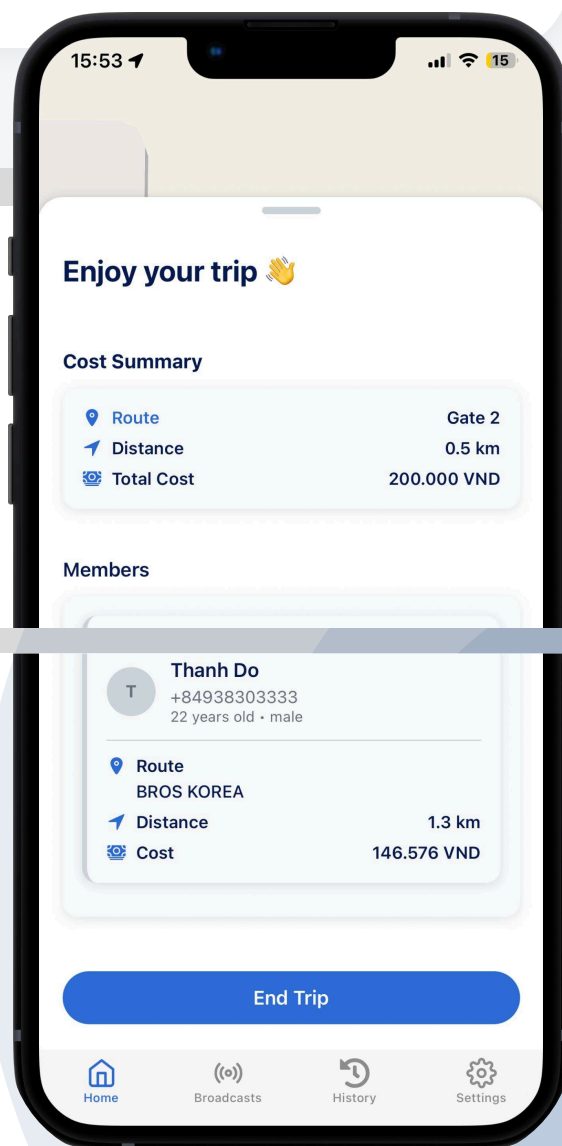
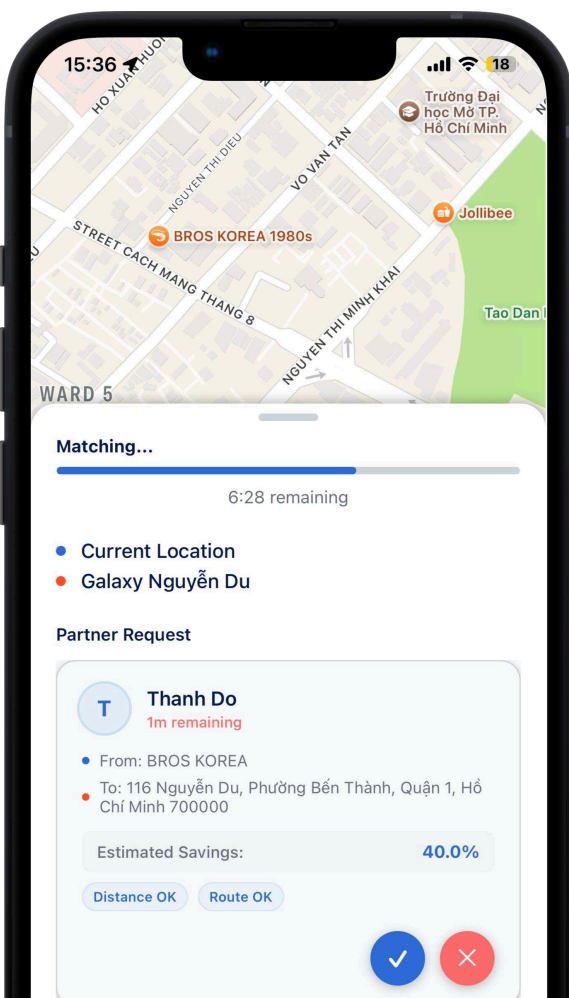
## SYSTEM ARCHITECTURE



Ride costs are divided based on distance traveled, ensuring transparency and fairness.

## Save Cost

## Safe Trip



# Matching

Automatically matches passengers with similar routes for shared rides.

Partner

Go With MRT

