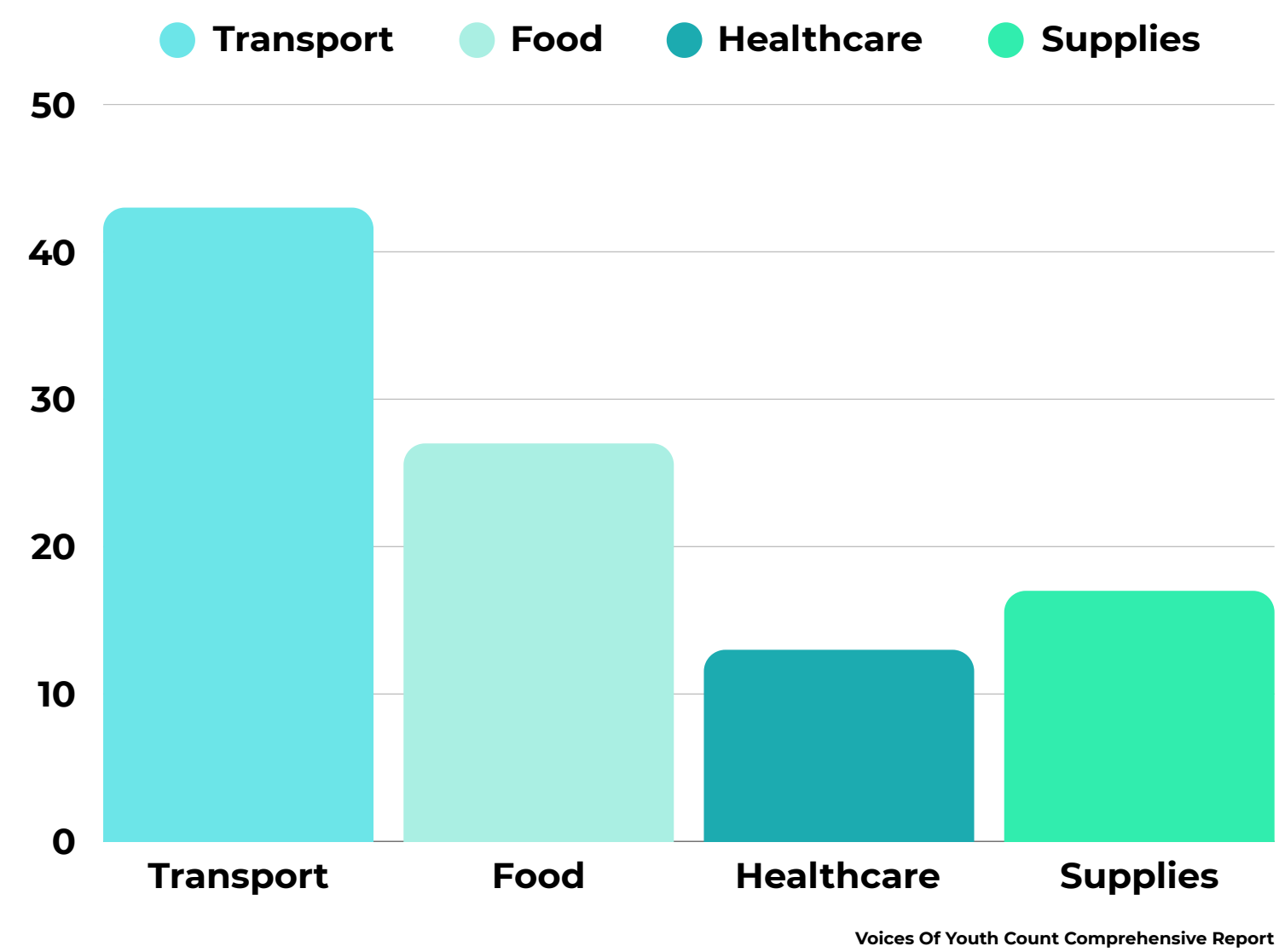


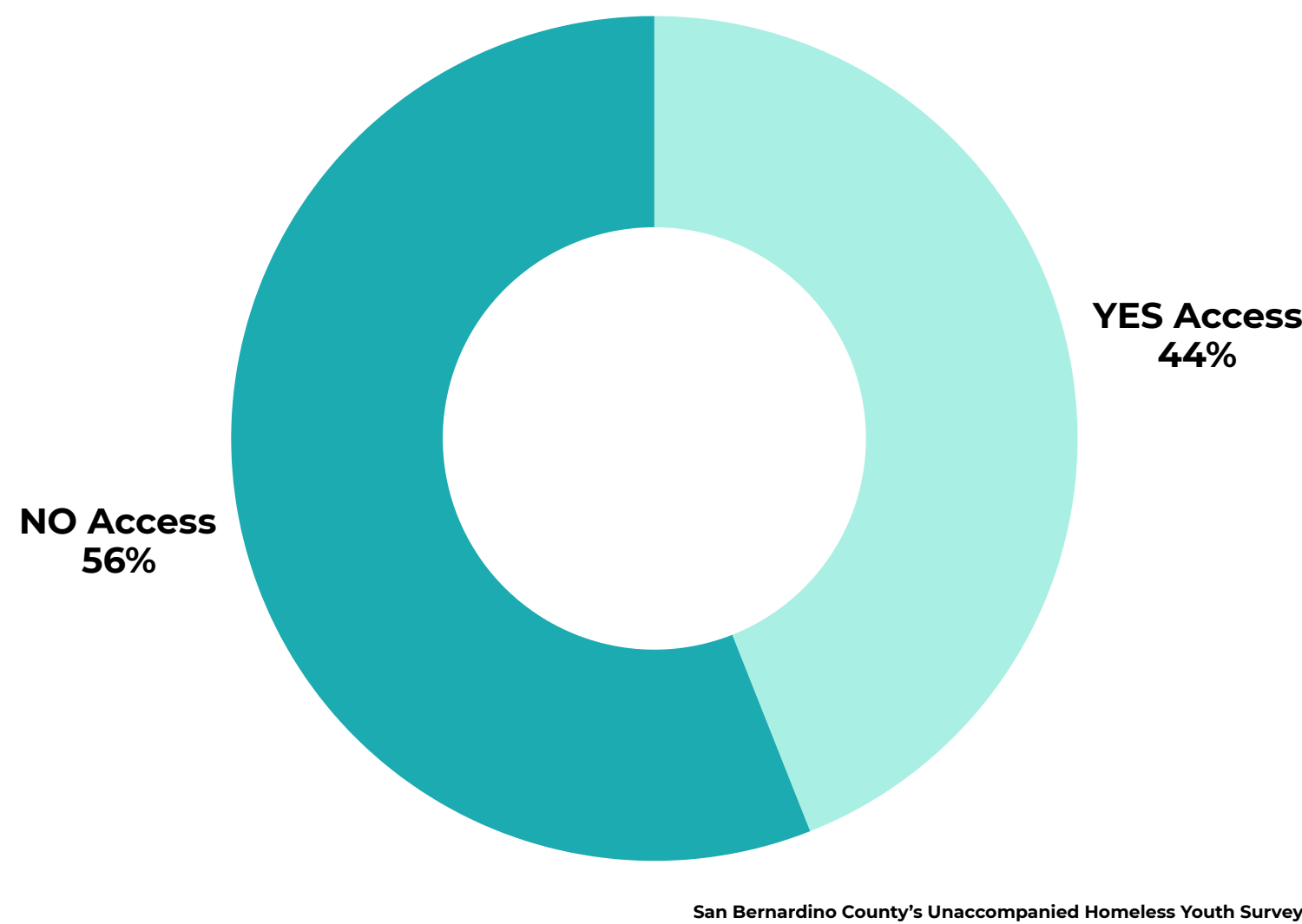
Which scalable, privacy-preserving mobility-as-support strategy best unifies equitable resource access and last-mile transit for transition-age foster youth?

Background

Top challenge to re-engaging students experiencing homelessness?



How many youth got access to public services?



Problem 1: Transport
Problem 2: NO Access

Solution



A mobile app with transit support that guides unhoused youth to nearby services and gets them there

M

M – Map Resources
FCHome shows a live map of nearby shelters, clinics, food sites, and hotlines. Each listing includes hours, eligibility, contact, and one-tap directions so youth know where to go right now.

A

A – Access Transit
The app issues free bus passes or ride vouchers where partners are available and builds a step-by-step route. Tap Get There to activate the pass and board—no paperwork, minimal data.

P

P – Personal Guidance
Short checklists explain what to bring and the intake steps at each site. 24/7 text help, offline mode, and a privacy-first design (no account required) keep the process simple and safe.

Manan Dua
Monta Vista High School - CA
Grade 11



Architecture and Impact



Flutter

The same mobile app for both iOS and Android with consistent performance



Firebase

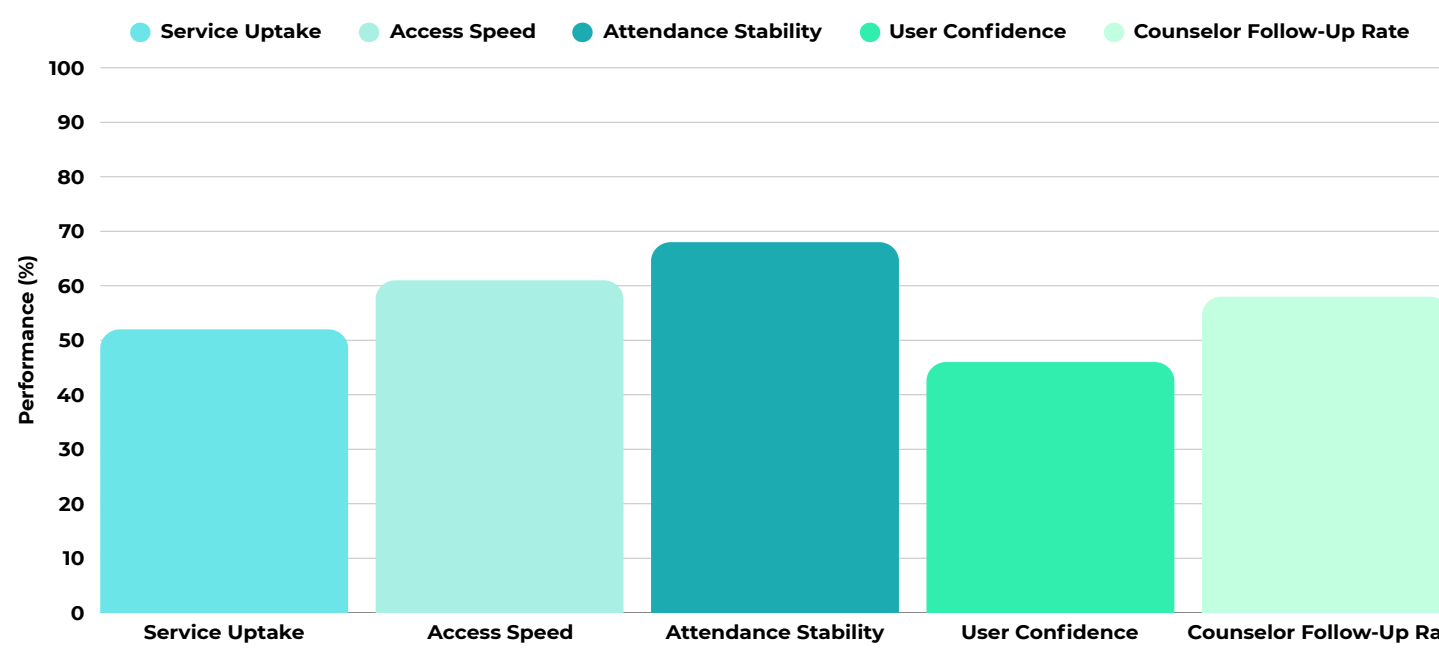
Securely stores data, handles server logic, and keeps the app updated in real time.



GM-API

Provides location data and public transit routes so users can find nearby shelters and plan trips easily.

Baseline Performance Metrics Prior to Implementation of the FCHome App



Observed Performance Metrics Following Implementation of the FCHome App

