

# Empower: A Consent Framework for Health Data

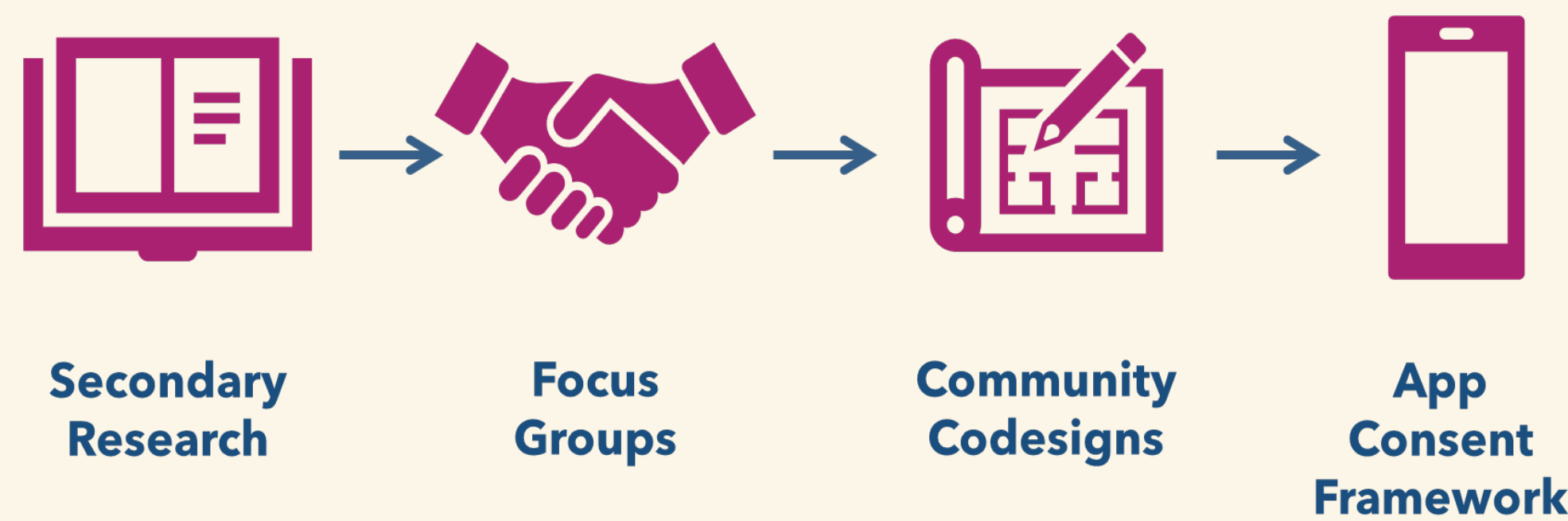
## The Project

We created an ethical and transparent consent system for donating data digitally for health based communities for future implementation.

## Why Health Data Consent Matters

- Highly sensitive data carries personal risk
- Research needs data to improve treatments
- People need to feel **safe** and **empowered** to donate data and contribute to research

## Process



## About Project Resolve & flok

**Microsoft Research's Project Resolve's** mission is to build health equity and social justice through community-driven innovation.

**flok** is a nonprofit organization that has recently developed an app to help people with rare metabolic conditions manage and track health data.

## A Novel Approach to Consent

- Different levels of control over specificity
- **Child assent:** Caregivers want their children to be aware of their data privacy and have a say in sharing their data
- **Reversible Consent:** Participants will be able to stop sharing data or request data deletion

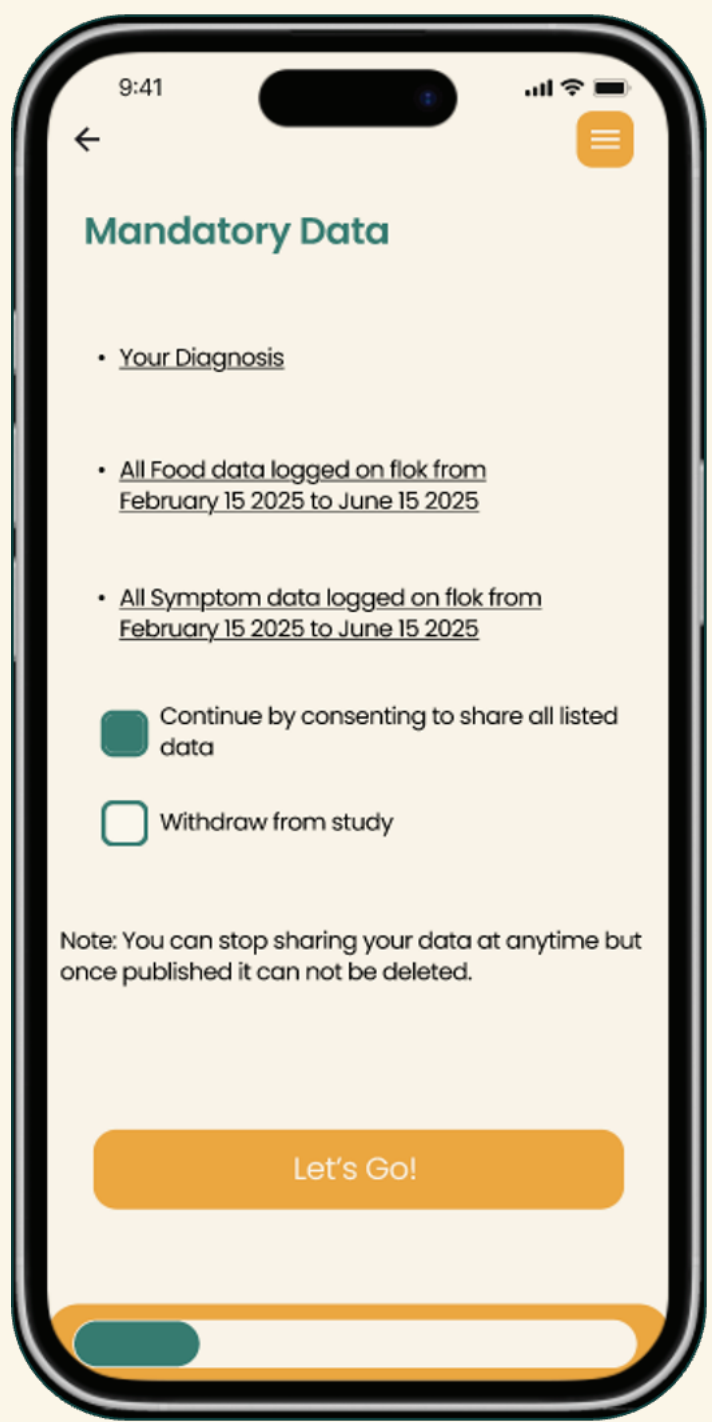
## Backend Architecture

Setting or Revoking their consent is feasible in Azure:

- Updates preferences
- Deletes shared data if requested
- Ensures choices are respected as soon as changed

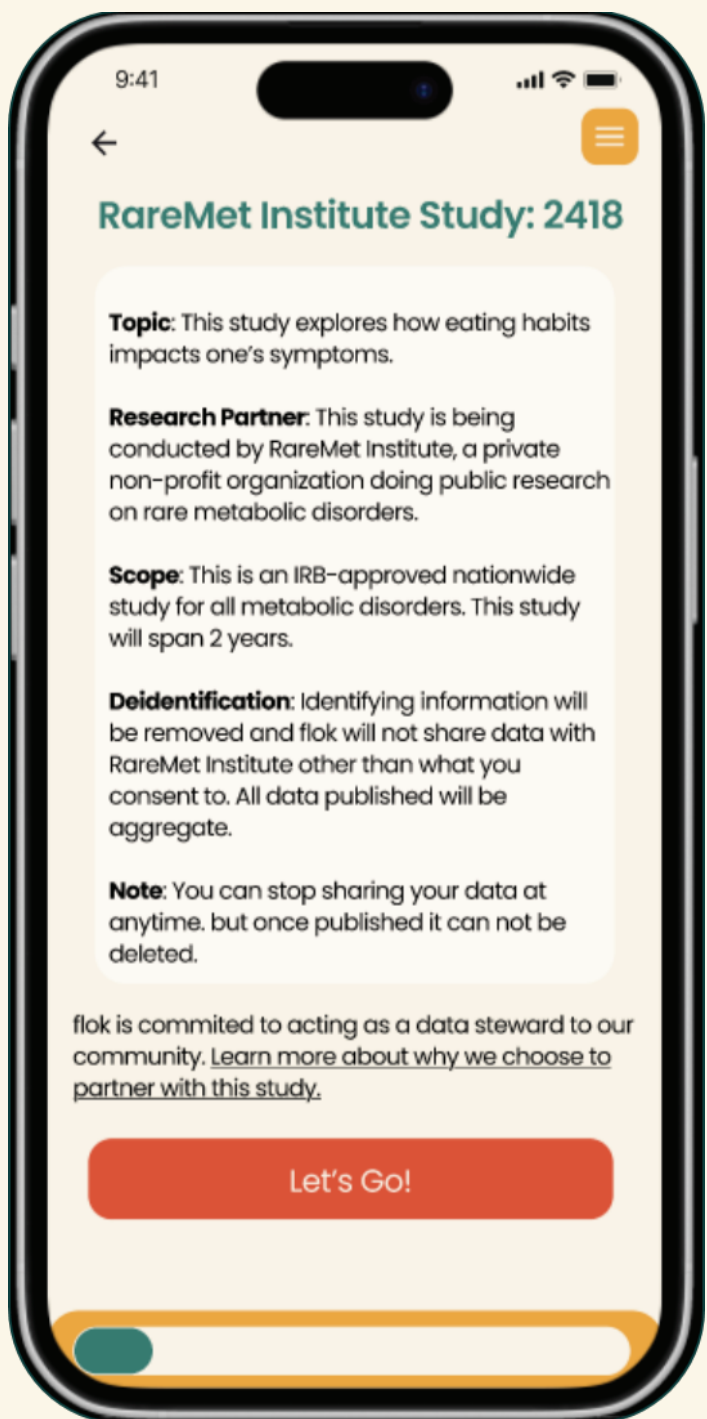
## Who Gets Access When?

When flok partners with third party research studies, community members who are interested in participating will be able to learn more and choose to opt in.



## What Data is Shared?

Community members will have control over how much optional data they want to share and for what category.



## Required Data

Some Data is required to consent to sharing in order to participate. The app will provide detailed information on why the data is required and how it will be used.



## How Specific is Consent?

Community members will have full control over the consent process and choose how specific their consent is from blanket consent (all or none) to full control over specific topics.



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