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Our Goal

Help teachers to monitor their students
during school trips



Bluetooth technology

To get the distance
between students and
moderators without
using GPS



Privacy oriented

To respect the privacy
of young children



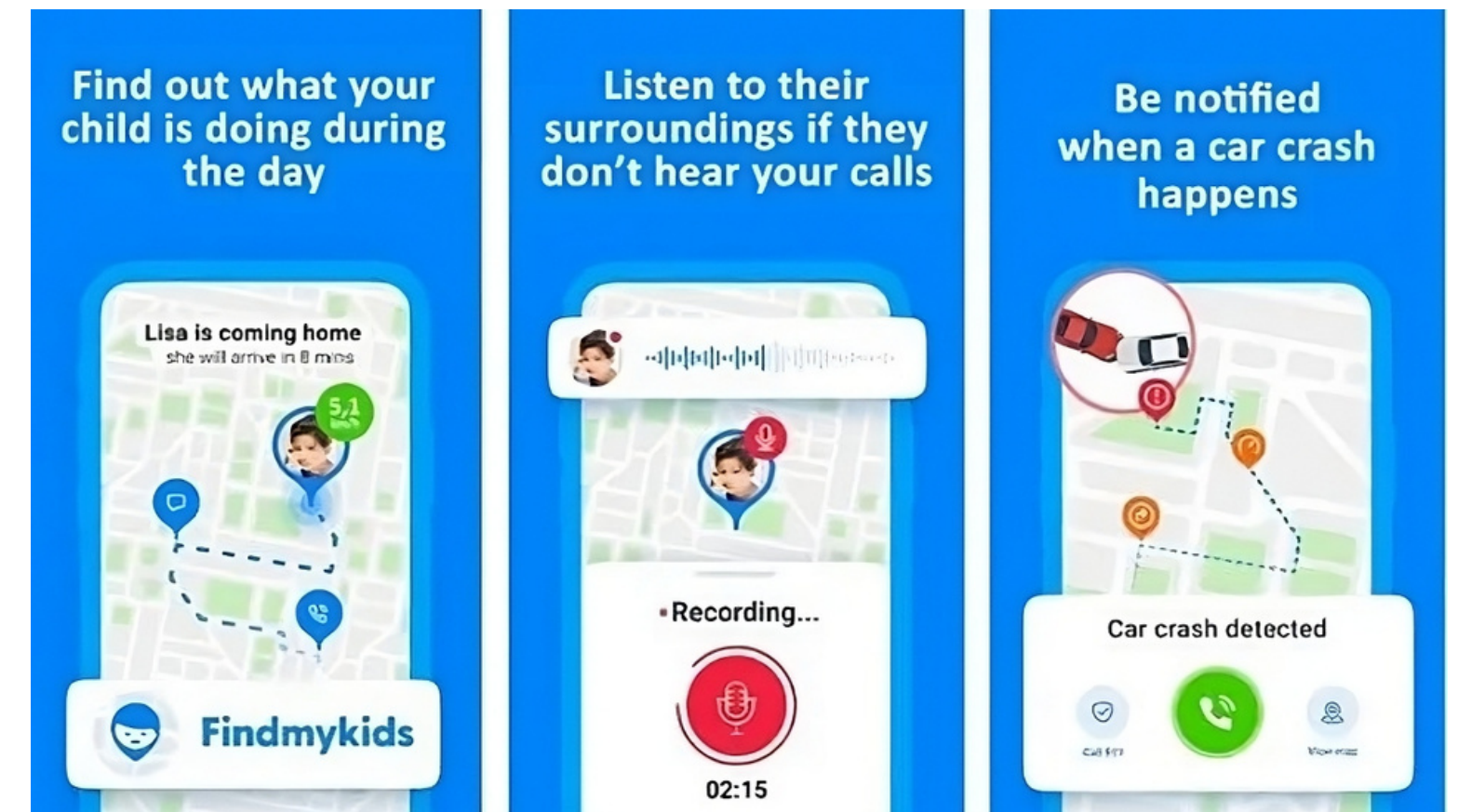
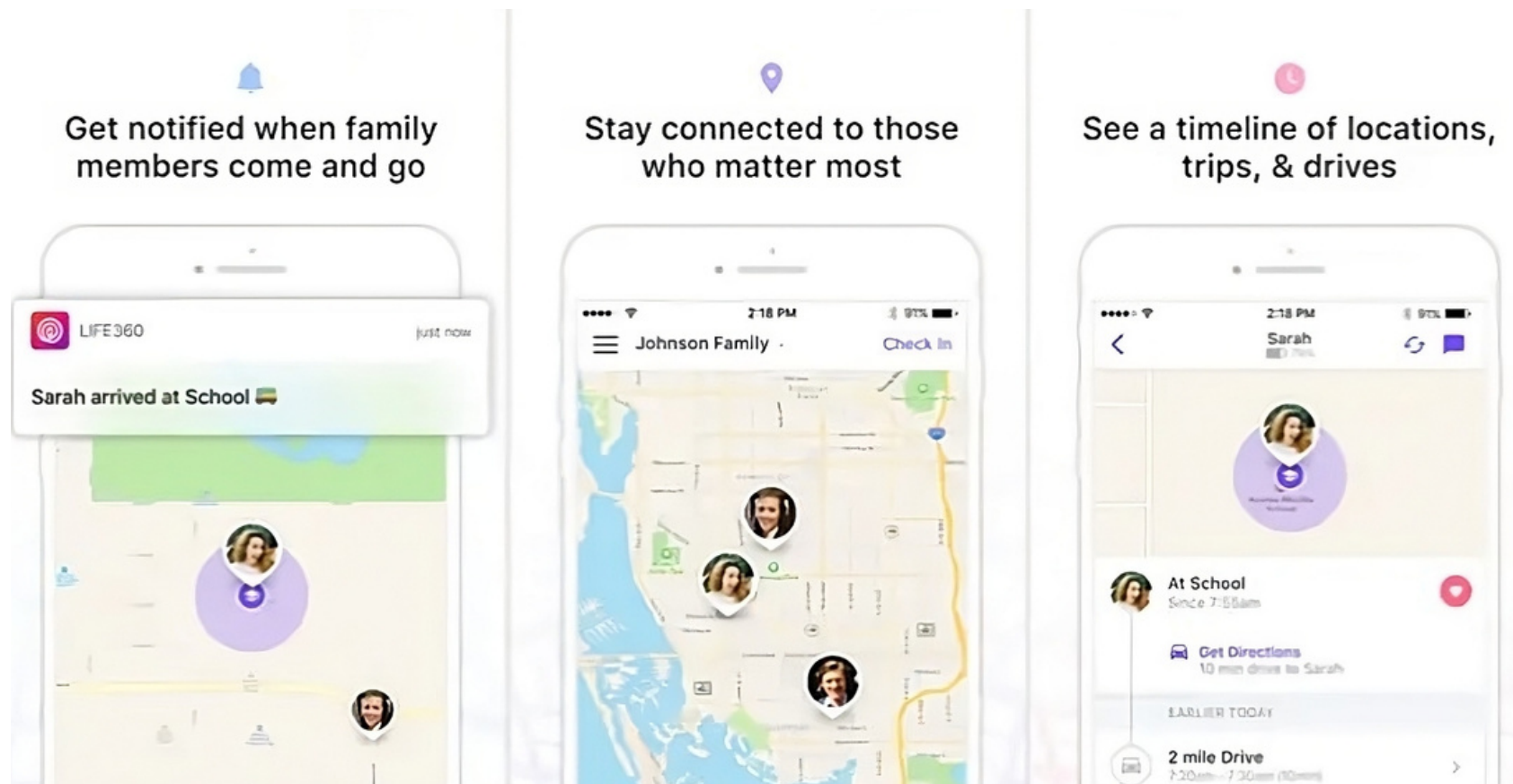
Easy to use system

To enable faster speed
of use for even the
youngest children

Competitor Analysis



Findmykids



Need Finding

Teachers Interviews

6 people interviewed
about school trips statistics and the usefulness of ReGroup

Parents Interviews

7 people interviewed
about family composition statistics and privacy concerns

+ usage testing with prototype

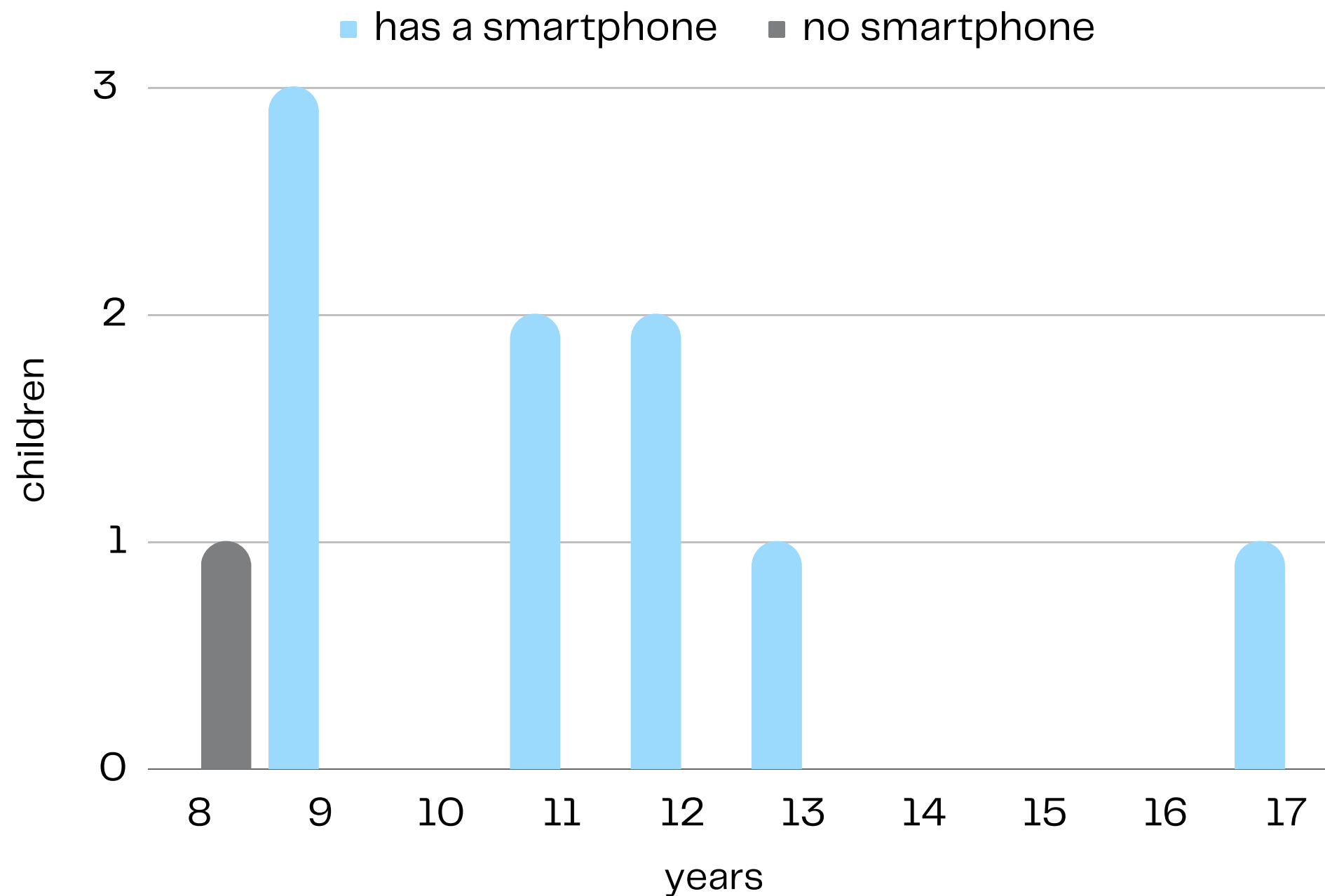
Teachers Interviews Results

It turns out that each teacher is responsible for monitoring approximately 15 students simultaneously

50% of the respondents
felt that a group member was missing

83% of teachers believe that
ReGroup would be **helpful**

Parents Interviews Results



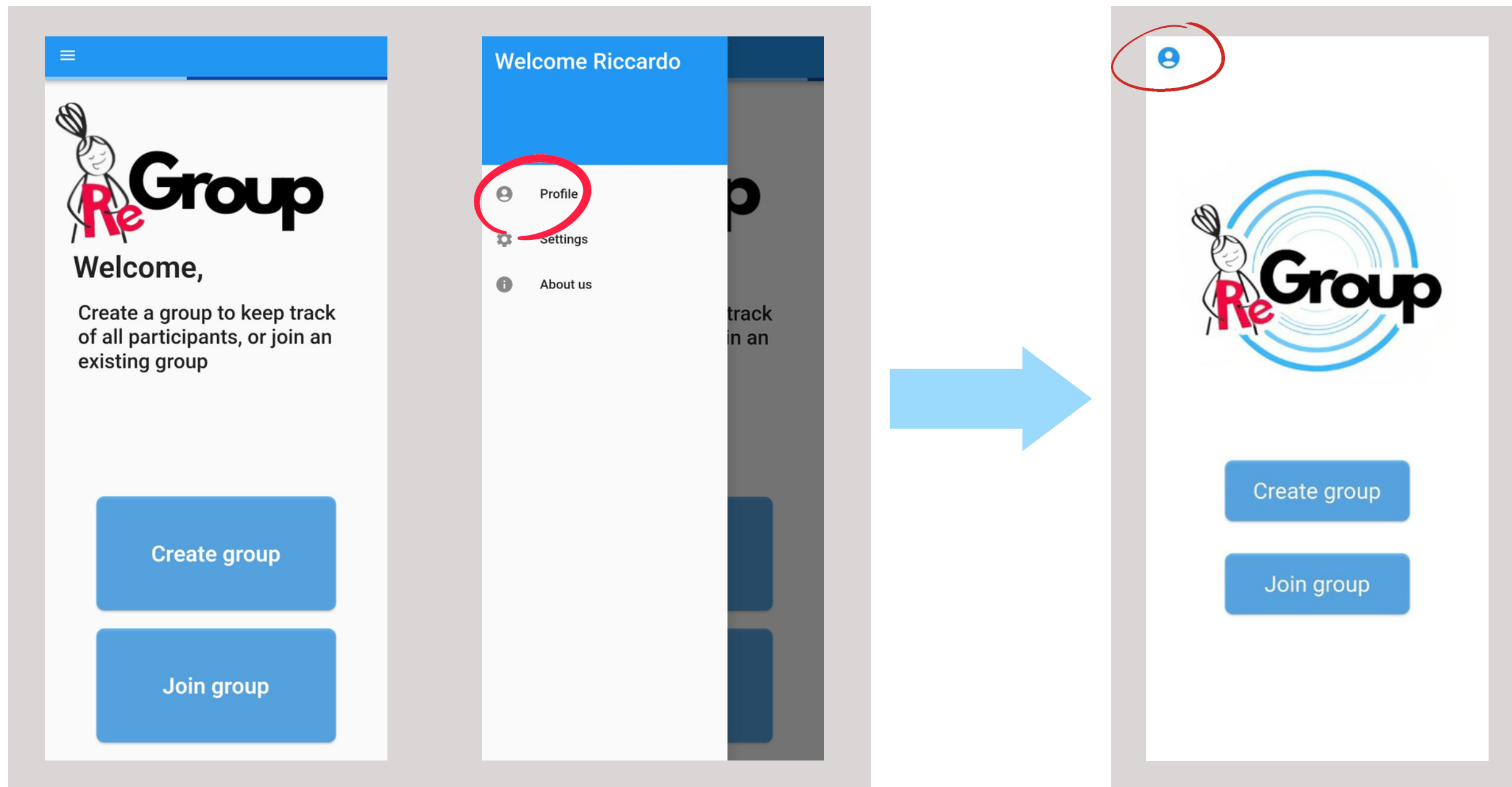
100% of respondents
considered Regroup **useful**

28% of parents are concerned
about privacy

Usage Testing Results

Confusing GUI

Many people find it difficult to set up a profile picture

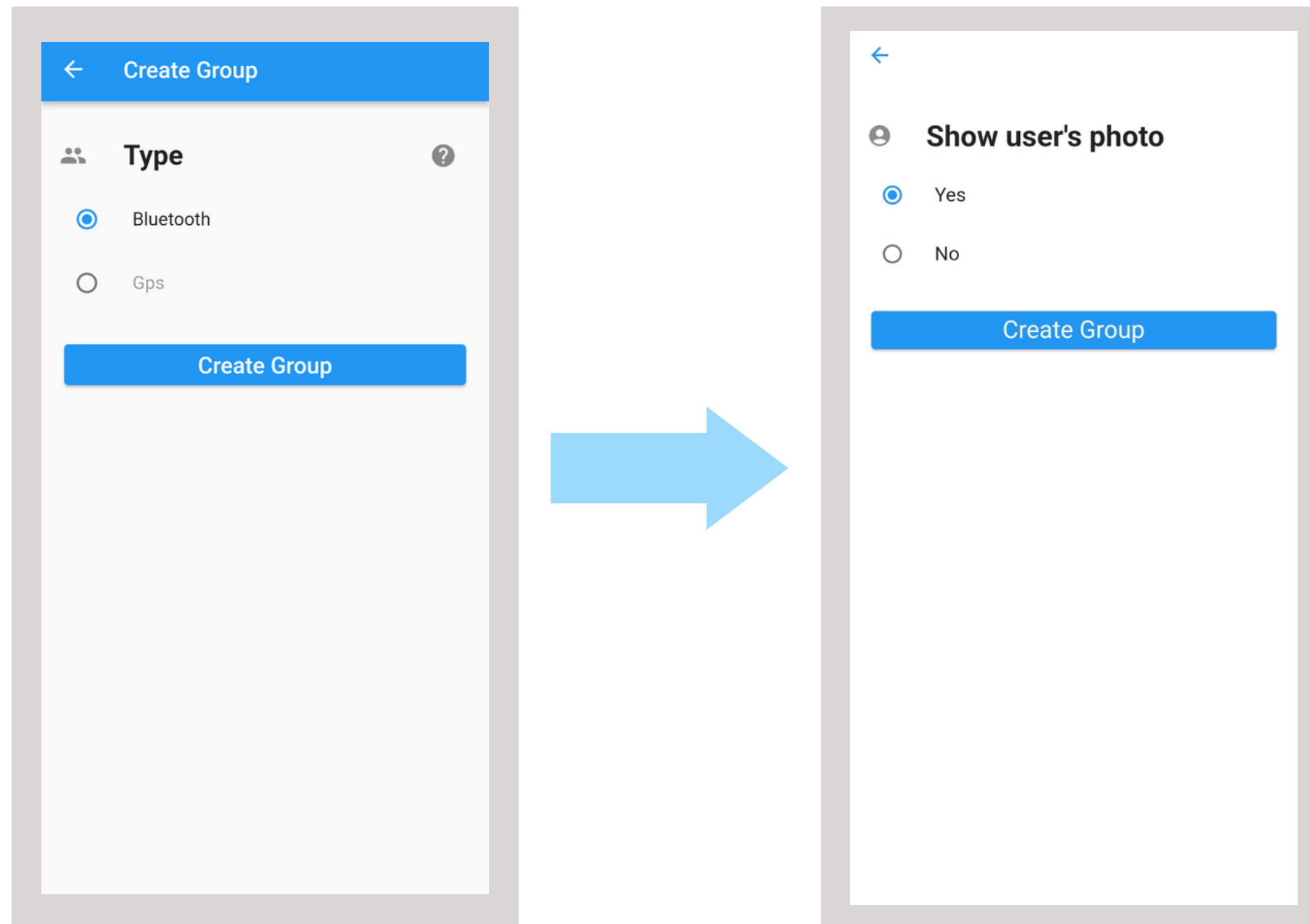


- Simpler GUI
- Faster usage

Usage Testing Results

Privacy concerns

Many parents do not want their children's photos to be revealed



- Pictures will be temporarily saved in the local storage
- Picture visualization in groups will be optional
- No personal data will be sent online

Technologies Used



Flutter is a powerful framework that allows cross-platform development.
We decided to concentrate only on Android devices



Firebase is a service that allows us to implement a real-time database and a notification system

How It Works

Users

Every user is identified using a username and can use a profile picture.

A user inside a group can have a role:



Owner can demote/promote a participant to a moderator, kick members of the group and delete the whole group.



Moderator role is attached when an owner promotes/demotes a participant. It can temporarily walk away from the group without notifying anyone.



Participant is the basic role of each user when they join a group. It cannot walk away from the group.

How It Works

Create a group

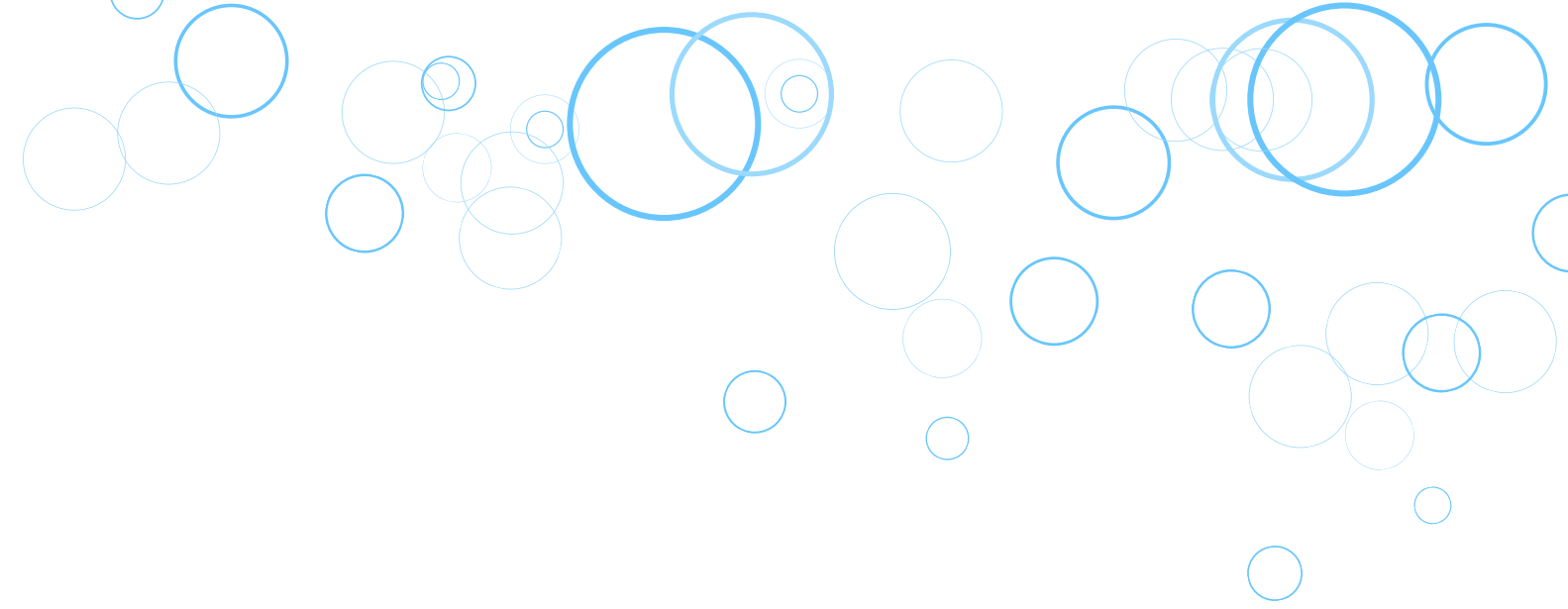
Everyone can create a group and choose if members' profile pictures can be revealed.

The moderator of the group can kick participants or promote participants to moderator.

The creator of the group can share the group, using a generated QR code or the group ID associated with the group.

Join a group

Users can join a group by entering the group ID or by scanning the QR Code.



Thanks for the attention!

