



Indonesia. Save the Children 2017.

# Waliku

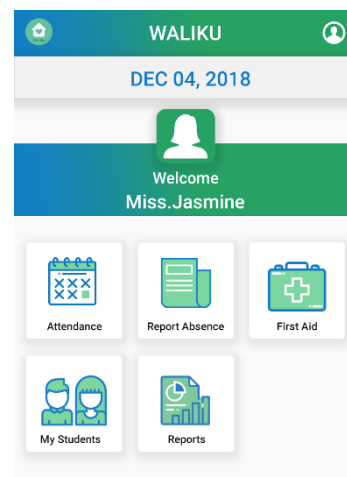
Creating a Digital Platform to Reduce Absenteeism

## The Problem

Paper-based systems for recording and reporting student attendance and absenteeism in schools fail to process vital information for educators, health workers and caregivers in a timely manner. Health and social barriers to education are not captured through existing data collection systems to allow decision-makers to implement government policies locally. Timely screening, treatment and referral service in rural communities is difficult due to limited health service points and personnel.

## Our Innovative Idea

Waliku is a mobile application and database system that supports school teachers, health workers and parents as they communicate with each other about students who are sick or absent from school. Waliku, which means “my guardian” in Indonesian, digitizes student attendance and absenteeism data and information about child illness. The app’s dynamic data helps teachers communicate with caregivers and alert health workers about sicknesses that require immediate treatment, thereby reducing the burden of illness and addressing social factors leading to high absenteeism rates.



## Our Progress to Date

We are piloting Waliku in the most remote part of Indonesia – Sumba Barat, where there is a baseline absenteeism problem and a high internet penetration, making the site a good fit for our pilot. After seven children in our sponsorship program in Sumba Barat passed away due to malaria and diarrheal illnesses, we felt an urgent need to respond. After conducting a formative study to narrow down pilot schools, and carefully developing the app with an emphasis on customizability and data protection, our team is now piloting the use of their app and online dashboard at five schools in the area. The system provides dynamic student data that can be used in real time, and the team will continue to monitor and adapt to improve user experience over the course of the academic year. The current app emphasizes parent-teacher communication, but looking forward, the team hopes to strengthen links between schools and local health centers.

## Become an Innovation Investor

Partnerships are vital for Save the Children’s work. Our partners provide the skills, and resources we need to develop, test, replicate and scale the most promising innovations for children.

**Invest Time or Skills:** Since Waliku is rooted in technology, partners with UI/UX expertise would be an ideal match for us. We would like to collaborate on areas such as user design and future iterations of the app. A dedicated engineering team would be ideal this project.

**Accelerate the Pilot:** The goal of our pilot program is to enable schools to prioritize the functions they would like to add and determine how we can scale this app to benefit the most communities. Through your financial contribution, we can:

- scale up Waliku in more schools, in Indonesia and elsewhere, and monitor its use,
- enhance the app for schools and develop dashboards for health centers and caregivers
- collaborate with governments at provincial and national levels.

We will work with you to find the best fit based on your interests and the needs of our project.