



KAP Assessment of Community Health Workers Who are Using Digital Health Platform at Community Level in Rajsamand & Sikar District of Rajasthan



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Organization History

Khushi Baby was born out as a classroom project at Yale center for engineering Innovation & design. The founder Ruchit Nagar's intention was to use Innovation & technology to bridge the gap between immunization in rural areas & to create digital health records. The breakthrough was that they have decide to use NFC (Near Field Communication) tags to store compressed vaccine records. The digital health records can be seen & updated by simply scanning the tags with the android device.

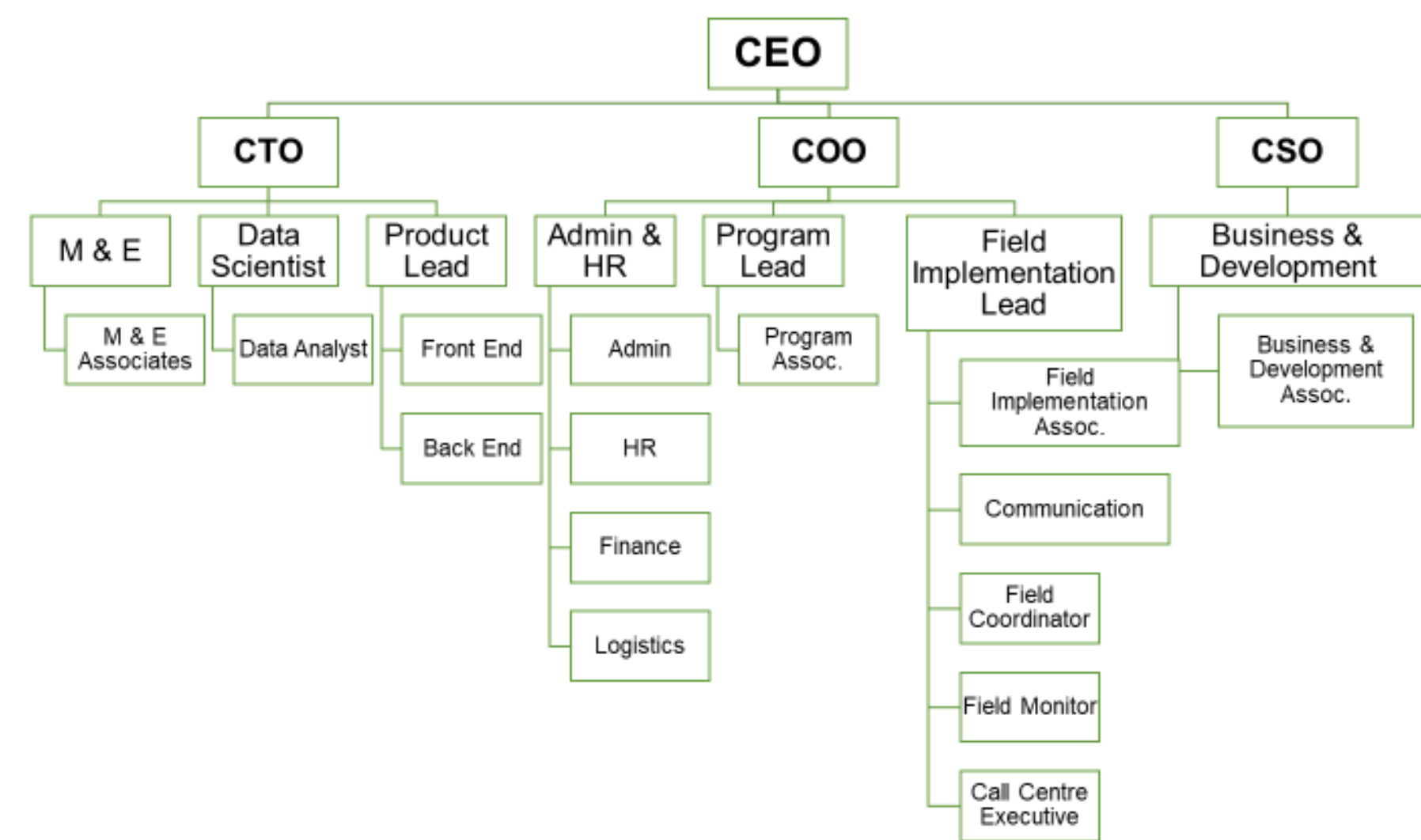
Organization Mission

The Mission is to monitor & motivate community health at the last mile

Organization Vision

Khuahi Baby envisions building scalable digital health platforms to ensure accountability, awareness & access for precision public health at the last mile

Organogram



Organization Profile

Khushi Baby is a 45+ members Non-profit, digital health solutions company working as the nodal technical support partner to the Department of Medical, Health & Family Welfare (DoMFHW), Government of Rajasthan for roll-out of digital community health solutions.



Learning & Value Additions

- Data Management in 100 days Tobacco Free Rajasthan Campaign
- Communicated with ground level health workers
- Overviewed National Health Programs & Health System
- Scoping of Family Planning Indicators
- Data Analysis is related to health workers
- Identification of Geopoints Location in Udaipur district
- Visited Anganwadi during MCHN day

Difference between Practical exposure & theoretical work

Activities	Theoretical Work	Practical Exposure
Communication	In communication & planning module learned about the KAP Assessment .	During Summer training, performed KAP Assessment, prepared questionnaires for community health workers who use digital health platform
Research Methodology	In this module, learn about how we collect, analyze & interpret data or information	Implement the classroom learning & prepared research question & collected, analyzed& interpreted data of KAP assessment of health workers who are using the digital health platform
Data Quality Management	set of practices are undertaken for handling data; from acquiring it, to implementation, distribution, and analysis.	Performed data cleaning on TOFEI using Excel sheet for improving data quality
SWOT Analysis	Learn about SWOT Analysis in Marketing management module	Performed SWOT Analysis
MCHN Day	Overview given on MCHN day during National health programs module	Attend the MCHN day at Anganwadi Sukhalpur

Challenges faced during Internship

- Due to short duration of internship, unable to conduct face to face interviews with the health workers.
- While doing project report, the sample size of 100 Community Health workers was selected from Rajsamand & Sikar district of Rajasthan. But during telephonic interview, the sample size increased because some health workers did not received calls, some calls were received by their family member, while some of their phone were switched off & some them had changed their number.

Usefulness of Internship

- This Internship helps me in enhancing my communication skills to build rapport with community health workers which was crucial part of my project.
- This helps me to know about the roles & responsibilities of community health workers & experienced it practically through field visits

SWOT Analysis

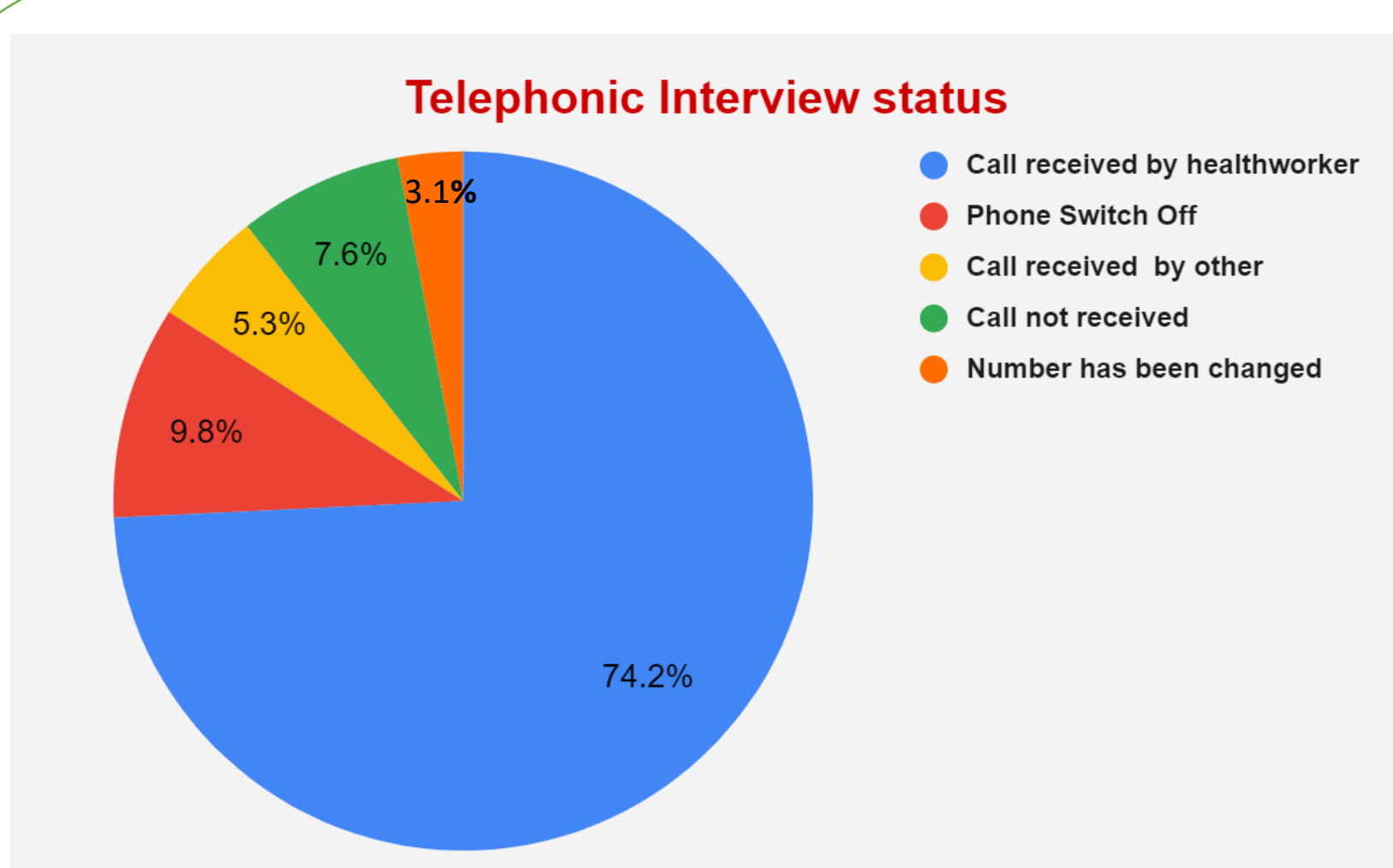
Strength	Weakness
- Interdisciplinary Team – IT, policy & public health - Integrated mobile applications for Surveys, ANMs & PHC level health worker - Authentication of services through GPS tracking captured at both health centre & at household level - Use of NFC technology to track the beneficiaries & store their health data. - Biometric authentication process in use - Unified Interface	- Lack of directly deployed staff at District Level - Resistance from health workers to switch from paper based, legacy government apps.
Opportunities	Threat
- Supportive environment to e-health - Support & mentorship from various Health & Research Institutes - Interoperability with existing government platforms	- Frequently changing of the bureaucrats - Already running multiple applications for multiple health programs

Suggestions

- Should focus on more advocacy & promotion

Introduction to Project

- To Improve Health delivery system, government is taking initiatives to switch from paper-based tracking to digital health records in technical support of Khushi Baby
- Digital Health Platform improves data quality & accountability
- Community Health Workers serve as a connecting link between the community & health facilities
- To improve Digital Health Platform, it is necessary to access knowledge, attitude & practice of community health workers towards it.

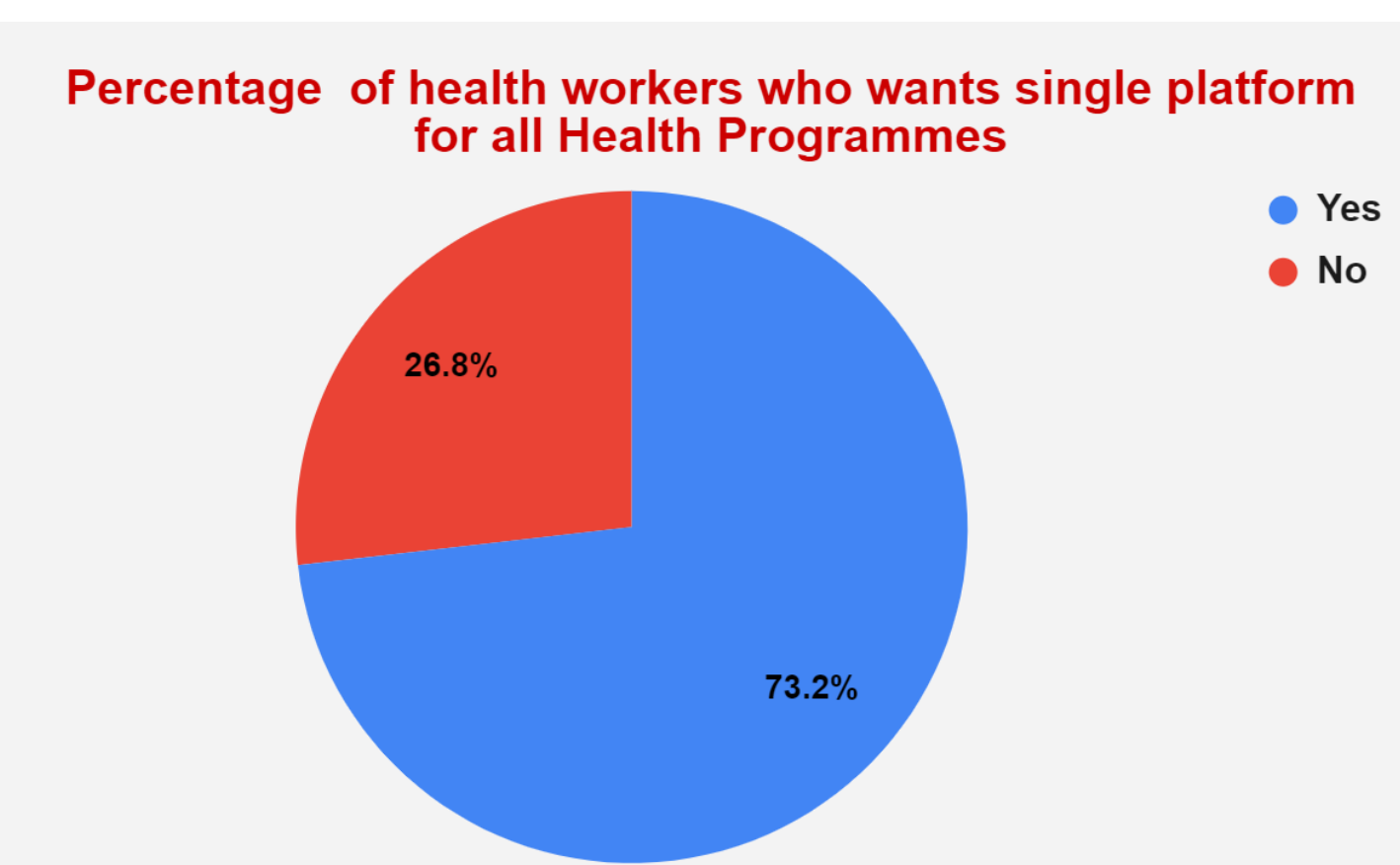
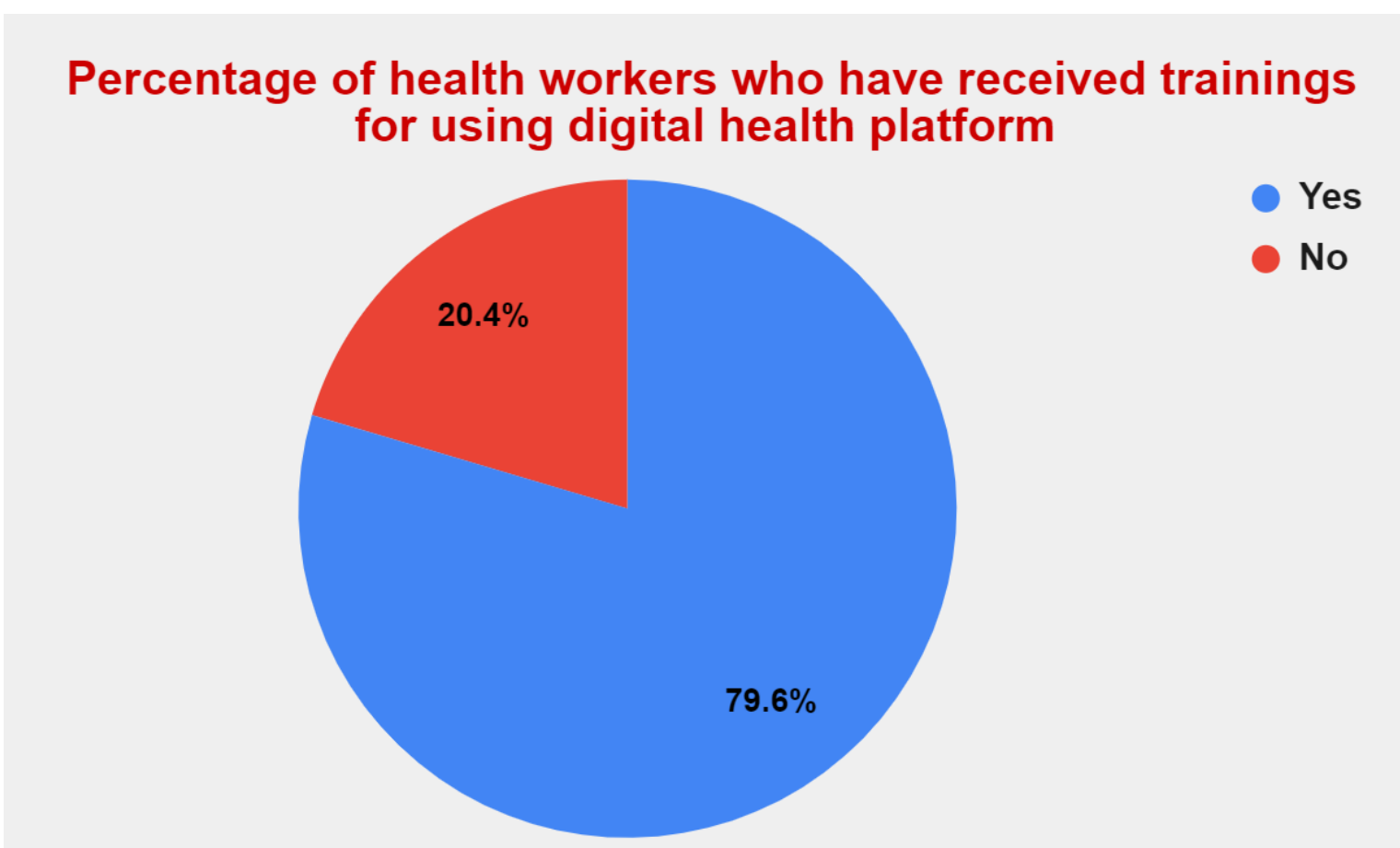


Telephonic Interview Status

- Out of 132 sample user, 100 community health workers responded to the calls.
- Out of 132, around 74.2% users responded to the interviews.

Percentage of health workers who have received trainings for using digital health platform

- The figure show that out of 100 respondents, 79.6% of health workers have received training for using the digital health applications



Percentage of health workers who want single platform for all health program

The graph shows that out of 100 respondents, 73.2% are the health workers who want single platforms for all the health programs. These are the health workers who are techno friendly & feel ease of work on digital health platform

Issues faced by health workers while using digital health platform

The graph show that, out of 100 respondents,

- 37.5% of health workers are those who face no issues while using digital health platform
- 16.7% are those who feel double burdened as they have to update their work both in register & on mobile applications
- 16.7% are those who face network issues
- 25% are those who are not techno friendly
- 4.1% are those who are not receiving training on time

