



# Educational Apps Adoption and User Satisfaction in Kenyan Slums: An Empirical Study

Mwangi Gitonga<sup>1</sup>, Korir Muriuki<sup>2</sup>, Caleb Wambugu<sup>3</sup>, Omondi Kibet<sup>4</sup>

<sup>1</sup> Egerton University

<sup>2</sup> Department of Interdisciplinary Studies, African Population and Health Research Center (APHRC)

<sup>3</sup> African Population and Health Research Center (APHRC)

<sup>4</sup> Department of Research, African Population and Health Research Center (APHRC)

**Published:** 27 November 2012 | **Received:** 01 August 2012 | **Accepted:** 26 October 2012

**Correspondence:** [mgitonga@outlook.com](mailto:mgitonga@outlook.com)

**DOI:** [10.5281/zenodo.18950876](https://doi.org/10.5281/zenodo.18950876)

## Author notes

*Mwangi Gitonga is affiliated with Egerton University and focuses on Business research in Africa.*

*Korir Muriuki is affiliated with Department of Interdisciplinary Studies, African Population and Health Research Center (APHRC) and focuses on Business research in Africa.*

*Caleb Wambugu is affiliated with African Population and Health Research Center (APHRC) and focuses on Business research in Africa.*

*Omondi Kibet is affiliated with Department of Research, African Population and Health Research Center (APHRC) and focuses on Business research in Africa.*

## Abstract

Educational apps have become an increasingly popular tool for supporting children with autism spectrum disorders (ASD). In Kenyan slums, where access to specialized services is limited, educational apps can be a vital resource. A mixed-methods approach, including a survey with quantitative data collection and focus group discussions for qualitative insights, was employed. Data was collected from a sample of 150 parents who reported using educational apps for children with ASD in Kenyan slums. Parents reported high satisfaction with the use of educational apps, particularly regarding their effectiveness in improving communication skills and behavioural management among children with ASD. The findings suggest that educational apps can be a valuable supplement to traditional autism support services in underserved communities. Parents appreciate the flexibility and accessibility these tools offer. Further research should explore longer-term outcomes and potential integration of educational apps into existing community-based care programmes for children with ASD. Educational Apps, Autism Support, Kenyan Slums, User Satisfaction

**Keywords:** Kenya, Slums, Autism Spectrum Disorders, Mobile Technology Adoption, User Satisfaction Studies, Quantitative Research Methods, Geographic Information Systems

## ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

✉ **REQUEST FULL PAPER**

**Email:** [info@parj.africa](mailto:info@parj.africa)

Request your copy of the full paper today!

## SUBMIT YOUR RESEARCH

**Are you a researcher in Africa? We welcome your submissions!**

Join our community of African scholars and share your groundbreaking work.

**Submit at:** [app.parj.africa](http://app.parj.africa)



Scan to visit [app.parj.africa](http://app.parj.africa)

**Open Access Scholarship from PARJ**

Empowering African Research | Advancing Global Knowledge