



Adoption and Performance Outcomes of Innovative Educational Apps in Improving Literacy Rates Among Urban Youth in Lagos: An Action Research Study

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Abstract

In Lagos, Nigeria, urban youth face challenges in accessing quality educational resources, particularly those related to literacy and numeracy skills. The study employed a mixed-methods approach, integrating surveys, interviews, and observational data to analyse user engagement with apps designed for enhancing literacy skills. Quantitative measures focused on attendance patterns and test scores before and after app implementation. Apps showed high adoption rates among youth (85%) who reported significant improvements in reading comprehension (average increase of 20% in tests conducted post-app usage). Factors influencing uptake included parental involvement and availability of internet access. Innovative educational apps significantly boosted literacy rates among urban youth in Lagos. Parental support and internet accessibility were key drivers of app adoption, highlighting the importance of these factors for future interventions. Schools should collaborate with parents to ensure consistent use of educational apps, while policymakers could consider subsidies or partnerships with tech companies to enhance access to digital resources.

Keywords: *Urbanization, Educational Apps, Mobile Learning, Literacy Rates, Action Research, Quantitative Methods, Qualitative Inquiry*

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