**CHAPTER II**

**Review of Related Literature**

This chapter presents a summary of related literature and studies that highlight the importance of the study. Furthermore, it provides an analysis to deepen the understanding of its significance and potential impact.

**Mobile Applications for Parent-Teacher Communication and Student Monitoring**

Mobile applications play a key role in promoting parent-school interaction by providing real-time notifications of students' achievement and educational activities.

These applications replace traditional forms of communication with greater efficiency and ease of accessibility (Gregorio et al., 2023). Use of mobile applications in education boosts student interaction, eases the communication process between stakeholders, and improves the learning process overall.

They enable parents to be informed about their awards' academic progress, minimize gaps in communication, and assist educators in managing information related to learners effectively (Zamora-Intriago et al., 2018).  
 Still, there are shared challenges in educational application of mobile applications. There are areas that have no access to the internet, which prevents students and parents from fully benefiting from these applications. Low parental participation also arises due to limited technology exposure, which is a primary limiting factor. Also, resistance among teachers and parents to adopting technology makes it challenging to implement (Pulkkinen & Hirvonen, n.d.). Privacy and security concerns regarding student information also pose immense threats to be mitigated.  
 These can be overcome using several solutions. The creation of applications that are user-friendly with less interface closes the technology gap among parents and educators. Teacher and parent training and support ensure that they are aware of and use the applications effectively. Reliable internet connectivity at home and school to enable effective communication is needed (Ni, n.d.).  
 Researchers in this study have insightful contributions with their comments on the efficacy of employing mobile apps in learning. Their research explains how such mobile applications affect student performance, parents' engagement, and general school communication. From their research on actual data, they advocate for ongoing improvement in educational technology (Hadi Setyawan et al., n.d.).  
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