

ANDROID-BASED VIDEOTRON PLAYLIST PLAYER APPLICATION

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ABSTRACT

In 2022, Politeknik Negeri Bengkalis (Polbeng) implemented digital information media in the form of a videotron. This implementation not only beautifies the appearance of the campus environment, but also becomes a medium for the Polbeng Public Relations team to convey information, announcements, and other content to the academic community and the surrounding community. Videos are displayed and updated every time there is content from new activities that want to be displayed on the videotron. The video update process is carried out by replacing the content via a flash disk connected to the controller at the videotron location. This makes the video update process inefficient. This research proposes the development of an Android-based Videotron Playlist Player Application. This application is a practical tool for Polbeng Public Relations operators in displaying videos on videotron's online via the website without having to visit the location. The development of this application aims to improve performance and effectiveness in delivering information to the public through videotrons, with benefits including making it easier to manage videos and increasing efficiency in management. With this videotron playlist player application, it can provide an effective solution for Polbeng Public Relations in managing videotrons.

Keywords: *manage, playlist, set-top-box (STB), videotron.*