ABSTRACT

The internet plays a crucial role in the development of technology and access to information in the digital era. To ensure equitable distribution of internet access, adequate infrastructure is required. Indosat Ooredoo Hutchison (IOH), as one of the leading telecommunications service providers in Indonesia, envisions becoming the leading digital telecommunications company in the country with the mission of delivering world-class digital experiences. However, in realizing its mission, IOH faces challenges in the planning and data management of sites and outlets. Data visualization, particularly in the form of Geovisualization using GIS, can enhance understanding and facilitate data analysis for planning purposes. To address this challenge, an Android-based application called NEPTION was developed with a Buffer module, integrating GIS to support better data visualization and more effective information management. The development of this application uses the Scrum methodology to optimize time management. Thus, CANVAS has been successfully created in a timely manner and has fulfilled all the requirements.

Keywords : *Android*, GIS, Indosat Ooredoo Hutchison, *Scrum*