APPLICATION DEVELOPMENT OF NATIONAL NEWS LOCATION DETERMINER

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Abstract

News had become an important commodity for people who seek informations. Vast growth of technology plays a crucial role in every aspect of life, for example the easy access of information over the internet, thus informations especially news could be read by people fast.

One of the substance of news is the location where was written, that however usually served less informative by the news provider. With integration of the information that gathered from news provider by Android, the geographical writing location of news, is possible to be shown in a map using the support of Google Map API. That will provide a great contribution in the way of the news to be served, because people could retrieve informations not only the content of the news but also news location on the map.

This undergraduate thesis shows news informations on the map exactly based on geographical location where the news was written using Android device. The data source is RSS from jpnn.com. undergraduate thesis also use syncronization in Android’s database and compression in RSS using LZW, to increase transfer rate and reduce bandwith usage on the phone. Based on provided survey, the respondents gives the rating with the average above 80%. Conclude that the respondents are tought
that this application is easy to use, has beautiful user interface design and informative.

Keywords: Google Map API, LZW, Android, news, RSS