Abstract

Telkom Institute of Technology consists of several components of the

organization to run its activities. In the daily activities of these components

exchange information with one another. Submission of information is usually

done by using posters or announcements posted in board, brochures, or using

SMS. For a public information or news, the delivery in this way has the

disadvantage that there is a possibility the news was not delivered to those who

need.

Utilizing the existing computer network infrastructure in IT Telkom can be made

web-based applications to accommodate existing local news. This application will

build community to input and evaluate news. To be part of this community users

must register. This community that determines the category, commenting, and

assess the existing news. News data stored by this application may be

accompanied by news location. This location is represented as dots on a map of

campus IT Telkom.

Application is made by using the Django web framework, PostgreSQL for the

database with PostGIS extensions to handle spatial data, and OpenLayers to

display maps in web pages. This application can present the list of news that have

been grouped according to desired criteria.

Keywords: News, Django, GIS, Reputation System.

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