

ABSTRACT

Citra Gaia is a company engaged in the lending of BTS tower. At the time this document was designed, company Citra Gaia still manipulating data asset process using conventional system. The record of data assets are still scattered in several files of documents, and collect all the documents by writing in a document called 'site list'. Documents site list contains the data assets and tenants on the asset. Documents site list used by marketing division Citra Gaia as the asset leasing information that is ongoing by the Citra Gaia.

For the marketing division, with total assets that growing every year more difficult to manage data assets which still has a slot for rental to another client with scattered data. So the idea is to build a Web-GIS based Application data asset processing system which is equipped visualization BTS tower. The visualization of BTS tower, displaying BTS tower with antennas installed in accordance leasing of BTS tower in question, which aims to facilitate the interaction between users and systems. Applications Data asset processing that can also provide notification in the form of email, if the rental period of one lease has reached the maturity. That is notification can be reach by tenants as well as the internal division of Citra Gaia.

The method used in this work is RAD method. The programming language used is PHP with CodeIgniter framework. The database used is Mysql databases with Apache2 Web-Server which are already in package of XAMPP/ LAMPP. This application is used by three users, the users are Administrator, Admin Finance, and Marketing.

Keywords: Rental Tower, Enterprises Application, Web-GIS, SMTP