

## ABSTRACT

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Batu Indah Regency Housing is located at Jalan Cilame, Cimareme, Ngamprah, West Bandung. The problems faced today are housing data management such as data on residents, blocks, houses of each RT and RW, organizational structure, certificate, agenda and reports on housing that have not been effective so that the impact on data collection is not optimal.

From the above problems, it is proposed to develop a Web-Based Housing Management Application for the purpose of facilitating RT in managing data in Batu Indah Regency housing. In making this application is built using the PHP programming language, CodeIgniter Framework and MySQL database and testing using black box testing. While the method in making this application is waterfall.

The hope of making this application is that it can help RT in managing data in the beautiful stone regency housing in a computerized manner so that it is more effective and efficient.

Keywords: PHP, MySQL, BPMN, CodeIgniter Framework, black box testing, white box testing.