

ABSTRACT

To keep a cellular system in good condition, technician have to continuously monitor the BSS performance. In order to analyze the data, technician usually use tools that have capability to read data then translate it into a more human readable view. Most of them prefer to choose Microsoft Excell embedded with *macro VB*. But this tool hava many issue in process speed and data storage.

This final project build a software used to read and analyze datas retrieved from an OSS. This software is build in order to overcome *macro VB* issues. This software consist of two main parts, data storage parts provided by MySQL and data processing parts builded with Delphi 7.

This final project produce a software with ten times faster process in processing data compared to the tools that technician usually used to analyze OSS data. This software also provide bigger data storage tan MS Excell , for about 4,2 billion of rows.