

## ABSTRACTION

*Base Transceiver Station* (BTS) is consist of modules which each has alarm indicator to indicate of component error on that system

Milt of expert cause operators must to open bulletin or other references to know what they should to do solve alarm error for avoid fatal error. That limits cause operators difficult to doing troubleshooting fastly.

To solve this problems, needed a set of structured system where can do summarizing, processing, and giving solutions for error system.

In this final project, *Expert System for Troubleshooting of FLEXI BTS CDMA Alarm Base on Web*. Expert System are a computer program system which has ability like an expert on selected knowledge[2]. By using backward chaining inference is hoped this expert system can easy to search the solution, it is proven from result test this system show accuration equal to 92.5 % it is mean that this system is competent to using for technician BTS CDMA.

**Keywords** : *expert system, troubleshooting, backward chaining, BTS alarm.*

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