ABSTRACT

Engineers in the CNVD (Core Network Vas Datacom) division of Telkomsel have to monitor the status of the SSS (MSS and MGW) and analyze the causes of failed calls that occur. Currently, monitoring device status and the call failure done manually, ie, the engineers login to each MSS and MGW with specific commands to view the devices' satus and log file of call failure. Then do the further analysis to find the cause of the call failure and devices' status. This monitoring process takes much time.

In this final project has been designed and implemented the web monitoring dashboard which can monitor the status of the MSS & MGW, and call failures. The web is made using php programing language, and pasing the important data of devices' log file.

After the implementation of the web, it only takes 18 seconds to do the monitoring MSS & MGW and takes 21 seconds for monitoring the call failure

Keywords: **SSS devices** (**MSS & MGW), call failure, dashboard monitoring web**