ABSTRACT

CHECKLIST DRIVE TEST 3G INFORMATION SYSTEM WEB-BASED IN PT INDOSAT MEGA MEDIA (IM2)

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Indosat Mega Media (IM2) *is a company wholly owned by PT* Indosat Tbk*, a leading telecommunications provider in Indonesia. Faced with competition that is currently* Indosat IM2 *requires an application to determine the performance or quality of each network competitors on an existing product that is by doing Test Drive of 3G. The quality of the Internet depends on the number and location of base stations are built. Checking the quality of the network required an input of data from each base station and then the data is processed to generate the information needed. Officers had difficulty in doing data processing is due to take a long time in making the test drive checklist. Drive test data obtained from IM2 center located in Jakarta, in the form of raw data excel unprocessed, data contains a data uplink and downlink of each base station in West Java Regional where uplink and downlink data is presented in a separate file.Solutions to overcome this is to build a system to facilitate the processing of data and can assist in analyzing the quality of the network so that each competitor can determine a good sales strategy. Based on the results of alpha testing and betha the conclusion that the system information test drive 3G checklist can assist officers in doing data processing, thereby reducing the delay in making the report.*

Key words **:** *checklist drive test*, 3G, *downlink, uplink*