ABSTRACT

RAHMAT SAHRUDIN (2021081087)

QUALITY CONTROL OF SIMULATION TESTING PROGRAM AT PT XYZ

This report discusses the implementation of professional work at PT XYZ, specifically in the Program Simulation division which is responsible for Quality control of programs that will be distributed to stores in the region. The purpose of this professional work is to learn and understand the process of testing program simulations, detecting bugs or errors, and reporting test results to the IT Head Office. Program simulation is carried out to ensure that changes or revisions to the program received from the IT Head Office are appropriate before the program is distributed to Indomaret stores in the region. In the process, practitioners use several tools such as Microsoft Excel for reporting test results and SQLyog Ultimate for checking data or trace logs on MySQL. The obstacles faced in the implementation of this professional work are related to program changes that do not match the list of changes in the email, but this problem is overcome by good documentation and reporting bugs to the IT Head Office. From this experience, practitioners gained better analytical skills and technical skills in terms of program testing and reporting simulation results.

***Keywords**: Quality control, Program Simulation, Program Testing*