ABSTRACT

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UNIT TESTING IN THE IPROC 2GO APPLICATION TO ENHANCE APPLICATION QUALITY

The intern undertook a professional internship at PT ADW Consulting from February 5, 2024, to April 30, 2024, spanning three months. The intern was placed in the digital business development division, focusing on the product development of the Android application Iproc 2GO. Unit testing is applied in the application development to ensure that each software component functions correctly and meets specified requirements. This professional internship report discusses the application of unit testing throughout each phase of the Software Testing Life Cycle (STLC), including requirement analysis, test planning, test case development, environment setup, test execution, and test case closure. The intern understands that unit testing, as an integral part of the STLC, plays a crucial role in the early identification and resolution of code-level bugs, ultimately enhancing the application's reliability and stability.

Keywords: Unit Testing, Software Testing Life Cycle (STLC), Application Development