ABSTRACT

Koperasi and Micro Small Medium Enterprises (MSME) sector is one that encourages the growth of the Indonesian economy. Unfortunately, the importance of the strategic role of Koperasi constrained by the limitations of the use of technology in business processes so that Koperasi activities less operating effectively and efficiently. Koperasi management manually resulted in many piles of papers, records and financial reporting that are vulnerable to the lack of accuracy of data, and it's hard to do monitoring all transactions occur because the data can not be presented in real time.

In helping to improve the performance of Koperasi, e-Koperasi applications built using Java Enterprise Edition technology with multi-tier architecture that is accessible to all users online. Development method is used namely, iterative and incremental methods in which each phase continuous iterations and improvements will be made so that the e-Koperasi applications are built in accordance with the requirements of the user.

Results from the application development e-Koperasi member management features, transaction management features of savings and loans, and financial transaction management features. E-Koperasi been implemented into a multi-tier architecture that can be accessed through a web browser.

Keywords: *Koperasi, e-Koperasi, Java Enterprise Edition, Multi-tier, Iterative and Incremental.*