

## ABSTRACT

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*In this Research of Web-based Application for the Management of Inventory Items with FIFO Method at the Canteen Telkom University. The purpose of this research is to facilitate the management of the inventory of merchandise in the future by making use of a technology. This application using codeigniter framework and uses the SQL Server 2014 data. In the preparation and development of applications either using structured methods, such as Unified Modeling Language (UML) and Entity Relation Diagram (ERD). Then this application also makes it easy at the warehouse for preparation of merchandise, for which this application generates a list of vendors and goods, generate a list of purchase of goods, purchase return, distributing supplies, items that are damaged, lost, and expiration, as well as produce the recording of accounting such as general ledgers, journals, reports, report distribution, and report purchase card stock inventory.*

*Keywords: Application, research, merchandise*