

## ABSTRACT

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*Koperasi Peternak Sapi Bandung Utara (KPSBU) is a manufacturing company engaged in milk production, which means collecting, processing milk from farmers, then producing and finally distributing it. The products produced from KPSBU are in the form of freshtime which means processed fresh milk and yogurt. KPSBU Lembang has several units, one of the existing business units is Waserda, where this unit is a shop that provides various goods for members and non-members. With the waserda, members and non-members can meet all their needs. Waserda currently does not have a fully integrated sales information system, therefore, in order to use a fully integrated information system and simplify the sales process, a barcode tool is used. The functionality contained in this application is the sale, purchase and inventory of merchandise on waserda as well as several accounting reports. Making this web-based waserda application using the PHP programming language and the Code Igniter Framework. The development is carried out using the System Development Life Cycle (SDLC) using the waterfall method. And testing is done using Black Box Testing.*

*Keywords: Point Of Sales, Waserda, dan Web Based Application*