# ABSTRACT

*Manufacturing companies are companies whose activities are processing raw materials or semi-finished materials into finished materials that are ready to be marketed to consumers at a cost. The lontong mamak shop has been established since 2017, 4 years ago. The lontong mamak shop opened the UMKM for the first time in Sukabirus. The reason for opening a branch in Sukabirus is because the results of the owner's survey of students at Telkom University there are many students from North Sumatra. The main market for the lontong mamak shop is Telkom University students. Purchases and sales at Lontong Mamak SMEs still use the manual method. The purpose of making this application is to find out the stock of raw materials, record purchase transactions, sales transactions and to compile reports on sales, purchases, and payments. This application uses the codeigniter framework and uses the MySQL database. The database design in this application uses Entity Relation Diagram. This application was developed using the SDLC Waterfall method. And for testing this application using the highest blackbox. The results that have been achieved from making this application are to generate a stock list of raw material inventory, journals, ledgers, purchase reports, sales reports and payment reports.*

*Keywords: Manufacturing, kedai lontong mamak, Raw Material, MySQL, Waterfall.*