

## ABSTRACT

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*CV. Anta Boga Kharisma is a company engaged in the distribution and management of pastries. The merchandise distribution system at CV Anta Boga Kharisma begins with the purchase of raw materials and then the company carries out the production process. Then proceed with the process of requesting orders from distributors and resellers to the company. After that, the company will deliver the product, if orders from distributors and resellers do not have sufficient production stock, then partial shipments will be sent. Then the company will issue an invoice, but the invoice will be sent if all products have been received, then the distributor or reseller makes a payment transaction. The process of recording and managing every transaction at this company is still done manually using excel so that it is not yet integrated with each other which can cause errors in recording. Therefore, to overcome the problem, a pastry supply chain management application was created. This application was created using Software Development Life Cycle (SDLC) with a prototype model, PHP programming language, design using Unified Modeling Language (UML), and CI 4 framework. It can be concluded that the application of pastry supply chain management can help companies to produce reports good finance based on transaction management whose functionality can make request transactions, deliver goods, issue invoices, record payments, make general journals, make general ledger reports, and make profit and loss reports.*

*Keywords: distribution, demand, supply, CI 4*