

## ABSTRACT

---

*Convection is one type of manufacturing company. Based on observation of the case study, the process of raw materials purchasing calculated with manual estimation by the owner without using inventory calculation method, not recorded on number development software (like as microsoft excel) and also raw materials purchase data not integrated with production data and sales data. Therefore, web-based applications are created using CodeIgniter as framework and using MySQL as database server. This application is built with Systems Development Life Cycle (SDLC) method and designed with Unified Modeling Language (UML). This application are handles raw material purchase transactions and purchase return. The output of this application are general journals, general ledgers, subsidiary ledgers, purchase reports, and purchase returns reports.*

*Keywords: Web-Based Application, Purchase of Raw Materials, and Purchase Returns.*