

ABSTRACT

Micro Small and Medium Enterprises (MSMEs) is one business that can encourage the Indonesian economy. The economy can increase if the use of technology in SMEs can run optimally. Therefore, in this final project built a Point of Sales Application (SIPOS) with service SAAS (Software as a Service) especially basic module, super admin and service. The applications in this module are responsible for connecting and integrating different business processes and devices. It is needed for the application can be used by SMEs engaged in services, retail and restaurant and can be accessed using various devices. The method used to develop the application is the waterfall model. PHP with the framework CodeIgniter is a programming language used to build applications, while the database used to store the required data is MySQL. With waterfall method and development tools, Point of Sales Application (SIPOS) of basic module, super admin and service provides features such as customer management, employee management, connecting and integrating business processes using API (Application Programming Interface) and application access from various devices Such as computers, tablets and gadgets.

Keywords: MSME (Micro Small and Medium Enterprises), POS (Point of Sales), SAAS (Software as a Service), API (Application Programming Interface)