

## **ABSTRAK**

The development of this application is based on the need for information technology in the business world to improve efficiency, regularity, and flexibility of operational processes. One application of technology in the business world is the Point of Sale (POS) application. In this digital era, there are still many small and medium businesses that use traditional sales systems that are inefficient and ineffective, especially for business owners who want to increase the number of customers served.

To answer this challenge, the Rapid Application Development (RAD) method is used in developing a POS application that is fast and in accordance with business needs. The use of web-based technology allows easy and flexible access for Cafe Sonia managers to manage their business operations more efficiently.

The manual recording system takes a long time, is often ineffective, and is prone to errors in recording information, sales, inventory, and profit and loss calculations. Therefore, an automated system is needed that can reduce errors and increase the effectiveness of recording and business management. The RAD method allows for faster application development than traditional methods, while still ensuring the quality of the application.

The use of the RAD method in developing POS applications not only accelerates the development process but also ensures that the application meets user needs with good quality, as expressed in research by Reza Trimahardhika and Entin Sutina. The main result of this application is the increase in efficiency and effectiveness of Cafe Sonia's business operations.