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ABSTRACT

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Yogyakarta is one of the popular tourist destinations in Indonesia where it requires infrastructures to maintain said tourists where food and beverage businesses provide supply of ready food to feed the tourists as well as locals. These businesses handle a varied number of transactions in terms of frequency and value utilizing paper and books as traditional means of record keeping. This method has high risk of losing data and eventually growth potential, as the author's experience in conducting part-time work in this sector.

Point of Sales (POS) application is a collection of tools that could be used in solving this issue that are already available today but could be relatively costly. In this research, multiple businesses would be given a proposal to be created a POS. Inventory management, cashiering application, and performance dashboard functionalities are created to fulfil the requirements as a discussion with the establishment that accepted. The POS is web-based and developed using linear waterfall methodology along with Flask and MongoDB as its tools.

Key Words: Web Based Application, Point of Sales, Flask, MongoDB