

UNIVERSITI TEKNOLOGI MARA

**FOODUE SOFTWARE AS A
SERVICE E-COMMERCE
PLATFORM USING CLOUD BASED
SECURITY RULES**

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ABSTRACT

Food Service industry is industry with a unique business operation. To be able integrating with digitalisation is somehow a best achievement they could ever had. Some pay thousand for a cash registry machine that use a computer. Some pay extra 10 thousand to afford a cloud system for their branches .With other industry are getting the benefit of e-commerce. Food Service industry are lacking behind in digitalising their operation. An application that can offered e-commerce benefit and integrate with their operation easily will cost them a fortune. Therefore a delivery models calls Software as a Service Platform were introduced to provide less cost and subscriptions based services for the people exist in Food Service

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CHAPTER 1

INTRODUCTION

1.1 Background of Study

Software as a service is considered the next revolution in software development. Instead of non-technical users needing to hire a technical staff in order to handle its operation, SaaS provides a more convincing way in handling business operations. It offers a cost-effective solution by delivering a seamless tool or service via a cloud solution. Nowadays, most of the programmers or freelancers and even small businesses are considering migrating their method of delivery using a SaaS platform. Many SaaS platforms exist today such as Google Cloud Platform, Amazon Web Service, and also Alibaba Cloud Computing. These are the known SaaS platforms that help small-scale programmers to scale their application to accept more and more users without the need to buy expensive hardware.

An E-commerce platform that provides a SaaS application has become more and more necessary in the current situation. In 2020, a new normal emerged from a COVID-19 pandemic. The rise of e-commerce stores regarding the number of users and the number of businesses upscaled in an exponential rate. With current solutions offering just an e-commerce without a backbone application, SMEs need an application to handle their business in a more efficient way. A new industry exists to fill the gaps between e-commerce and Software as a Service platforms. An e-commerce platform that provides a software as a service assistant, such as LAZADA, which provides accounting software as a service to assist the merchant who uses their platform in managing their accounting to allow a seamless experience in handling business operations.

How about a restaurant? Existing services only provide online services, how about for a physical store? How can we transform how a restaurant needs an e-commerce platform for promoting and also a software as a service to help them digitalize their business operations. This is where FoodDue comes in. A Software as a Service e-commerce platform that provides an assistant for the food serving industry so they can scale and digitalize their business in a much faster way.