

**IT START-UP DEVELOPMENT OF KOIPOS: AN ONLINE PLATFORM
FOR ORNAMENTAL FISH SHOPS**

By

Emil Irgi Fathurachmat
12102015

BACHELOR'S DEGREE
in

INFORMATION TECHNOLOGY
FACULTY OF ENGINEERING AND INFORMATION TECHNOLOGY

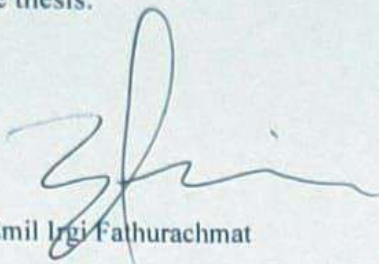


SWISS GERMAN UNIVERSITY
The Prominence Tower
Jalan Jalur Sutera Barat No. 15, Alam Sutera
Tangerang, Banten 15143 - Indonesia

Revision after the Thesis Defense on 04 June 2024

STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, it contains no material previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.



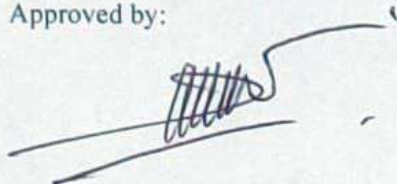
Emil Irgi Fathurachmat

Student

10-07-2024

Date

Approved by:



Ascc. Prof. James Purnama, S.Kom, M.Kom, M.Sc

Thesis Advisor

10/7/2024

Date



Dipl.-Inf. I Eng Kho

Thesis Co-Advisor

10-07-2024

Date

Dr. Maulahikmah Galinium, S.Kom, M.Sc

Dean

Date

Emil Irgi Fathurachmat

ABSTRACT

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By

Emil Irgi Fathurachmat

Assoc. Prof. James Purnama, S.Kom, M.Kom, M.Sc, Advisor

Dipl.-Inf. I Eng Kho, Co-Advisor

SWISS GERMAN UNIVERSITY

There are 1,297,021 ornamental fish farming producers in Indonesia. With a valuation of Rp.19.81 billion in sales in 2019, it means that ornamental fish sales are a sizable market in Indonesia. Currently, it is difficult to find POS and inventory systems that cater to this kind of business because the conventional inventory systems and/or POS systems are not really fit for it. So, this thesis research is done to design and develop POS and inventory system for ornamental fish shops to improve the efficiency and accuracy of the shop's business process. This thesis research uses a waterfall model as the SDLC methodology. The overall steps include business analysis, requirements gathering, system analysis, system design, implementation, testing, and deployment, verification, and market testing. This thesis research concludes that the KOIPOS has been successfully implemented and hosted in live server with features that can improve the business process of ornamental fish shops, to speed up document generation, and suitable to be used by ornamental fish shops, and is feasible to continue this project as a start-up.

Keywords: Online Platform, Fish Shop, Ornamental Fish, Inventory System, Point of Sales, Fish Stock Tracking Between Tanks in Inventory

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DEDICATION

For Apap, Mamah, and my 3 siblings.
Thank you for your support. Then, now, and always.

ACKNOWLEDGEMENTS

First, thank God Almighty because with his blessings, I can finish this thesis and study. Even when I'm 1000 miles away from you, your love is closer than ever.

Second, thanks to my parents and my siblings, with their support and care I can finish my undergrad study despite my struggle. It was tough decision to go back to Indonesia in 2021. It was a tough year for our family because of covid, all our plans went bust. Even though it all happened, we were able to sail past the storm. Apap and Mamah know that I'm not the type that can say love to you directly, so I hope when you read this, you know how much I love both of you.

Third, I want to extend my gratitude to my advisor, Pak James Purnama, and my co-advisor, Pak I Eng Kho. When I decided to move to SGU, both of you were my first contact. Both of you helped me move and acclimatize to campus life in Indonesia. And now both of you helped me write my thesis. It was a blast having you as my advisor and co-advisor. Once again, thank you Pak James and Pak Kho for all you've done for me.

Fourth, I want to thank my comrades and BOD on Komune Studio. Thank you for letting me join your wonderful team for my internship and part-time job. And for Wilbert, thank you for the help you've given me. This thesis couldn't be done without your support. Such a cool boss and friend.

Lastly, to my fellow SGU students and especially the WLE squad, you guys rock. Thanks for accompanying me during our time together. WLE squad, thank you for replying to my lame jokes and all.

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