



**Veterinarians Assisted mobile Application with Unique Queue using FIFO Algorithms**

**UNDERGRADUATE THESIS**

**Submitted as one of the requirements to obtain  
Sarjana Komputer**

**By:  
Bram Marcellino Aritonang  
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**FACULTY OF COMPUTING  
INFORMATION TECHNOLOGY STUDY PROGRAM  
CIKARANG  
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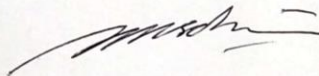
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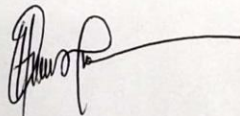
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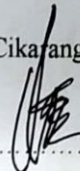
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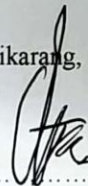
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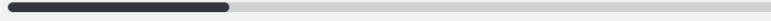
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## **ABSTRACT**

As the use of technology in veterinary medicine increases, there is a growing need for comprehensive, easy-to-use applications that provide access to the latest animal health and welfare information. These applications provide features such as animal health information, drug information, anatomy and physiology, diagnostic tools, and more. This app is designed to meet the needs of veterinarians, pet owners and pet lovers by providing access to reliable and accurate animal health and welfare information. The development of this application is based on the latest research and veterinary association guidelines to ensure that the information provided is up-to-date and reliable. The app is user-friendly and offers an easy-to-navigate interface accessible from any mobile device. By providing a centralized platform that supports the professional needs of veterinarians, pet owners and pet enthusiasts, the app aims to improve animal health and welfare by providing access to the latest information.



## DEDICATION

*I dedicated this final project to my mother, my father, my Grand Mother  
and the last for all my friend.*

## ACKNOWLEDGEMENTS

I would like to express my deepest gratitude to The One Almighty God for the blessing, health and guidance for me to complete this final project. I would like express my gratitude to people who support me to finish my final project :

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Figure 5. 34 Code Profile.....	<b>Error! Bookmark not defined.</b>
Figure 5. 35 Code Forget Password.....	<b>Error! Bookmark not defined.</b>
Figure 5. 36 Code History Booking Doctor.....	<b>Error! Bookmark not defined.</b>
Figure 5. 37A. Code Create Appointment.....	<b>Error! Bookmark not defined.</b>
Figure 5. 38B. Code Create Appointment.....	<b>Error! Bookmark not defined.</b>
Figure 5. 39 Code Check Patient .....	<b>Error! Bookmark not defined.</b>
Figure 5. 40 Code Check Patient .....	<b>Error! Bookmark not defined.</b>
Figure 5. 41A. Code Payment.....	<b>Error! Bookmark not defined.</b>
Figure 5. 42B. Code Payment.....	<b>Error! Bookmark not defined.</b>
Figure 5. 43 Code Medical Prescription .....	<b>Error! Bookmark not defined.</b>

Figure 5. 44A. Code Send Prescription ..... **Error! Bookmark not defined.**

Figure 5. 45B. Code Send Prescription..... **Error! Bookmark not defined.**

Figure 5. 46 Code Approve Payment..... **Error! Bookmark not defined.**

Figure 5. 47 Code Queue Patient ..... **Error! Bookmark not defined.**

Figure 6. 1A. Login - Testing Scenario..... **Error! Bookmark not defined.**

Figure 6. 2B. Login - Testing Scenario ..... **Error! Bookmark not defined.**

Figure 6. 3A. Dashboard - Testing Scenario..... **Error! Bookmark not defined.**

Figure 6. 4B. Dashboard - Testing Scenario ..... **Error! Bookmark not defined.**

Figure 6. 5A. Choose Specialist - Testing Scenario ..... **Error! Bookmark not defined.**

Figure 6. 6B. Choose Specialist - Testing Scenario ..... **Error! Bookmark not defined.**

Figure 6. 7C. Choose Specialist - Testing Scenario ..... **Error! Bookmark not defined.**

Figure 6. 8 Chat - Testing Scenario..... **Error! Bookmark not defined.**

Figure 6. 9 Profile - Testing Scenario ..... **Error! Bookmark not defined.**

Figure 6. 10 Sign Up - Testing Scenario..... **Error! Bookmark not defined.**

Figure 6. 11 Queue - Testing Scenario..... **Error! Bookmark not defined.**

Figure 6. 12 Receive a Prescription – Testing Scenario ..... **Error! Bookmark not defined.**

Figure 6. 13 Check Patient - Testing Scenario..... **Error! Bookmark not defined.**

Figure 6. 14 Approve Payment - Testing Scenario ..... **Error! Bookmark not defined.**

Figure 6. 15 Send Prescription – Testing Scenario ..... **Error! Bookmark not defined.**

Figure 6. 16 Patient Queue - Testing Scenario..... **Error! Bookmark not defined.**

Figure 6. 17A. Forgot Password - Testing Scenario ..... **Error! Bookmark not defined.**

Figure 6. 18B. Forgot Password - Testing Scenario ..... **Error! Bookmark not defined.**

## GPT ZERO CHECK

### Stats

**Average Perplexity Score: 288.045**



A document's perplexity is a measurement of the randomness of the text

**Burstiness Score: 1010.424**



A document's burstiness is a measurement of the variation in perplexity

Your sentence with the highest perplexity, "*Final Project Advisor Cutifa Safitri, Ph.D.*", has a perplexity of: 4797



