

## **PREFACE**

In the name of Allah, the Most Gracious, the Most Merciful. All praise and gratitude be to God Almighty for His blessings and grace that have enabled me to complete this Final Project successfully. This Final Project marks a significant milestone in my academic journey in the Bachelor's Program of Information Systems, Faculty of Industrial Engineering, Telkom University.

1. In completing this Final Project, I would like to extend my deepest gratitude and appreciation to the individuals and institutions who have provided invaluable support, guidance, and contributions throughout the research process and the preparation of this report:
2. I would like to express my sincere gratitude to Mr. Luthfi Ramadani, S.T., M.T., Ph.D., my academic advisor, who has been an invaluable mentor throughout my undergraduate journey. His consistent support, guidance, and dedication in helping me navigate academic challenges since the beginning of my studies have been instrumental in my growth as a student and researcher. His mentorship has truly made a significant impact on my academic journey at Telkom University.
3. To my academic supervisors, Prof. Dr. Irfan Darmawan, S.T., M.T and Dr. Oktariani Nurul Pratiwi, S.Kom.,M.T., for their unwavering guidance, support, and valuable insights throughout the preparation of this Final Project. I am deeply grateful for the time, knowledge, and constructive feedback they have shared, which have been pivotal in completing this research.
4. I would like to express my gratitude to my colleague, Muhammad Haikal Zulhaj, for his dedication, cooperation, and sincere support throughout the preparation of this final project. His contributions and discussions, from ideas, thoughts, and differing arguments and perspectives to his active involvement in every stage of the project, were instrumental in the success of this research. Working with him has been a valuable experience, and his collaborative spirit is commendable. May this collaboration serve as a solid foundation for future mutual success, both academically and professionally

5. To my family, especially my father, my late mother, and my two sisters, for their endless moral support, prayers, and unconditional love throughout my academic journey and the completion of this Final Project. I sincerely appreciate their sacrifices, encouragement, assistance, and unwavering belief in my abilities that have made this achievement possible.
6. To someone whose name I cannot mention here, but whose presence has been the cornerstone of my emotional and mental well-being throughout this academic journey. You have been my constant source of strength during the most challenging moments of this process. In times when doubt clouded my thoughts and stress overwhelmed my spirit, you provided the safe space where I could be completely myself without fear of judgment. Your patient listening, genuine understanding, and unwavering support have been instrumental not only in completing this thesis, but in shaping who I have become as a person. Through countless conversations and quiet moments of comfort, you have helped me navigate the complexities of both academic pressure and personal growth. Your belief in my capabilities, even when I doubted myself, has been a driving force that kept me moving forward. I am profoundly grateful for your presence in my life and for the immeasurable impact you have had on my journey.
7. Finally, to the representatives of the company that agreed to serve as a case study in this research. I am truly grateful for their willingness to provide essential data through interviews, observations, and evaluations, which have greatly contributed to the completion of this project.

Lastly, my gratitude goes to all parties who have indirectly contributed to the completion of this Final Project. May all the kindness and assistance given be rewarded manifold by God Almighty. I hope that this Final Project can provide valuable insights for readers and contribute positively to the advancement of knowledge in the field of Information Systems.