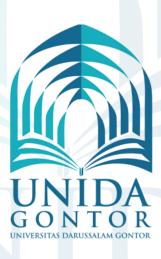
IMPLEMENTATION OF *PUSH NOTIFICATION* REMINDER SYSTEM ON MOBILE-BASED PRAYER COLLECTION

THESIS

To fulfill some of the requirements earned a Bachelor's degree in Computer Science

Compiled by:

Dhika Syifasultana NIM: 422021611021



INFORMATICS ENGINEERING STUDY PROGRAM

WAS ALLEY OF SCIENCE AND TECHNOLOGY

UNIVERSITY OF DARUSSALAM GONTOR

2025

ENDORSEMENT SHEET

AUTHORIZATION

"IMPLEMENTATION OF PUSH NOTIFICATION REMINDER SYSTEM IN MOBILE-BASED PRAYER COLLECTIONS"

THESIS

To fulfil some of the requirements To obtain a Bachelor's in Computer Science degree

Composed by:

Dhika Syifasultana NIM: 422021611021

This thesis has been tested and passed on 9 February 2025 It has been checked and approved by:

Supervisor I

Dihin Muriyatmoko, S.ST., MT. NIY: 150489

Supervisor II

Eko Prasetio Widhi S.Kom., M.Kom. NIY: 219904

Examiner I

Faisal Reza Fradhana, S.Kom., M.Kom. NIY: 160574

Knowing,

Head of Informatics Engineering

Dihin Muriyatmoko, S.ST., M.T.

NIY: 150489

STATEMENT OF ORIGINALITY

I hereby declare that this thesis is my original work. To the best of my knowledge, no part of this thesis is a duplicate of any other scientific work that has been submitted for an academic degree or has been previously published. All the sources I use have been cited and listed in the bibliography.

If it turns out that in this thesis manuscript it can be proven that there are elements of plagiarism, I am willing to cancel this thesis and the academic degree that I have obtained (bachelor's) will be canceled, and processed in accordance with the applicable laws and regulations (Law No. 20 of 2003, Article 25 paragraph 2 and Article 70).

Ponorogo, 30 June 2024

Dhika Syifasultana

NIM: 422021611021

UNIDA GONTOR

FOREWORD

Alhamdulillah, all praise be to Allah SWT for His grace and guidance that allowed me to complete this research in good health. Prayers and greetings are to the Prophet Muhammad PBUH who has guided us to the light of knowledge. I would like to express my gratitude to the lecturers who have played an important role in guiding and supporting me during this process. With all humility, I express my highest appreciation to all parties who have made valuable contributions to the research and writing process of this thesis. Without their help, this thesis would not have been realized.

Let me express my deep gratitude to all those who have played a role in this research, in particular:

- 1. Al-Ustadz Prof. Dr. Hamid Fahmy Zarkasyi, MAEd., M.Phil., as the Rector, along with all his staff, as well as all lecturers of the University of Darussalam Gontor Ponorogo who have educated me.
- 2. Al-Ustadz Haris Setyaningrum S.Si., M.Si., as the Dean of the Faculty of Science and Technology and his staff.
- 3. Al-Ustadz Dihin Muriyatmoko, S.ST., MT as the Head of the Informatics Engineering Study Program and thesis supervisor, along with lecturers and staff who have provided motivation and direction.
- 4. Al-Ustadz Eko Prasetio Widhi S.Kom., M.Kom., as the thesis supervisor who has guided patiently and attentively.
- 5. Khana Amelia S.Kom., for her invaluable contribution as a media expert in this research.
- 6. Muhamad Adnan Royandi, S.Pd. for his very valuable contribution as a material expert in this research.
- 7. My father and mother always pray for the smooth running of this research.

Hopefully this research will be useful for the development of science and technology. The authors realize that this research still has limitations and room for improvement. Constructive criticism and suggestions from readers will be greatly appreciated, as they will help improve the quality of this research and contribute to the development of science and technology more broadly. With humility, the author

hopes that this research can provide benefits to society, especially for academics and practitioners in related fields. May Allah SWT always give His guidance and blessings to all of us. Aamiin ya rabbal 'alamin.

