



**PROJECT REPORT**  
**HOME SECURITY SYSTEM WITH PIR**  
**SENSOR-BASED MONITORING CAMERAS AND**  
**TELEGRAM PLATFORM**

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## APPROVAL AND RATIFICATION PAGE



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Semarang, October 25, 2021



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## APPROVAL PAGE FOR PUBLICATION OF SCIENTIFIC PAPERS FOR ACADEMIC INTEREST

The undersigned below:

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Undergraduate Program : TECHNICAL INFORMATION

Faculty : COMPUTER SCIENCE

Type of work : SKRIPSI

Approved to give Non-Exclusive Royalty Free Right to Soegijapranata Catholic University Semarang for scientific work entitled “Home Security System With PIR Sensor-Based Monitoring Cameras and Telegram Platform” along with the existing tools (if needed). With this Non- Exclusive Royalty Free Right Soegija- pranata Catholic University has the right store, transfer data / format, manage in the form of database, maintain and publis this final project as long as I keep my name as a writer / creator and as aCopyright owner.

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Sincerely



Fitria Yuliana M S

## ACKNOWLEDGMENT

Praise and gratitude to Allah SWT who always bestows His grace and guidance so that the preparation project with the title **Home Security System With PIR Sensor Based Monitoring Cameras Using Telegram Platform** can be completed immediately.

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FITRIA YULIANA M S



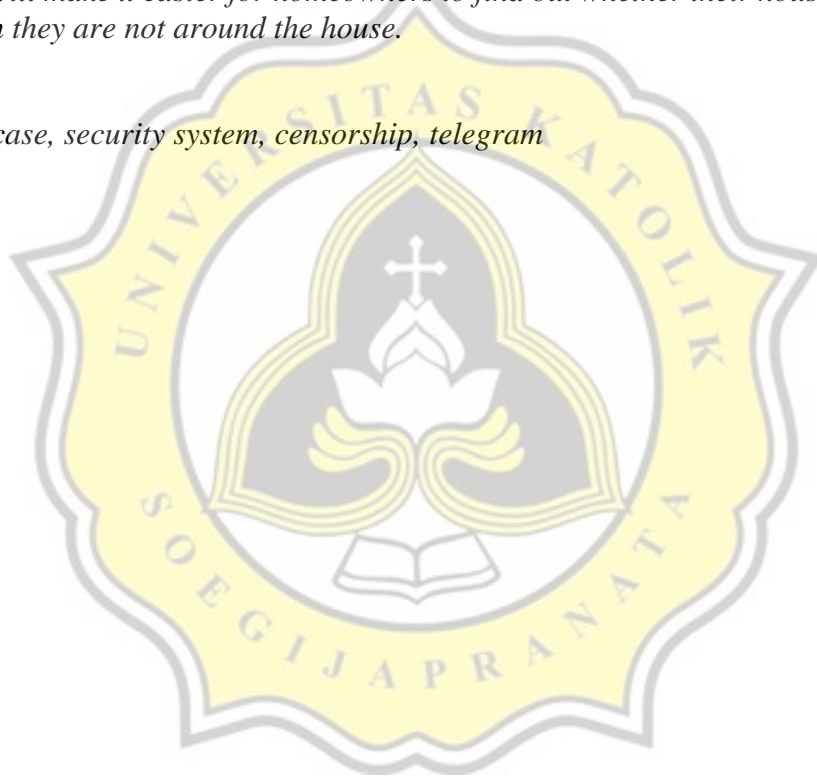
## ABSTRACT

*The crime rate in Indonesia, especially in the case of home theft, is increasing from year to year. The higher needs of life in the midst of the COVID-19 pandemic have made the perpetrators more daring to take these actions. Perpetrators look for opportunities when the house is deserted or empty, and not infrequently when the house is inhabited. This makes people restless with the protection of property and other important assets stored in the house.*

*Therefore, it is necessary to have a security system that runs in real time and is responsive in order to immediately find out information about home security. From these problems, a security system was made with sensor-based monitoring cameras. This system is also equipped with a telegram platform as a warning to users.*

*With the PIR sensor-based home security system integrated with the Telegram platform, it is hoped that it will make it easier for homeowners to find out whether their house is dangerous or not, even though they are not around the house.*

*Keyword: theft case, security system, censorship, telegram*



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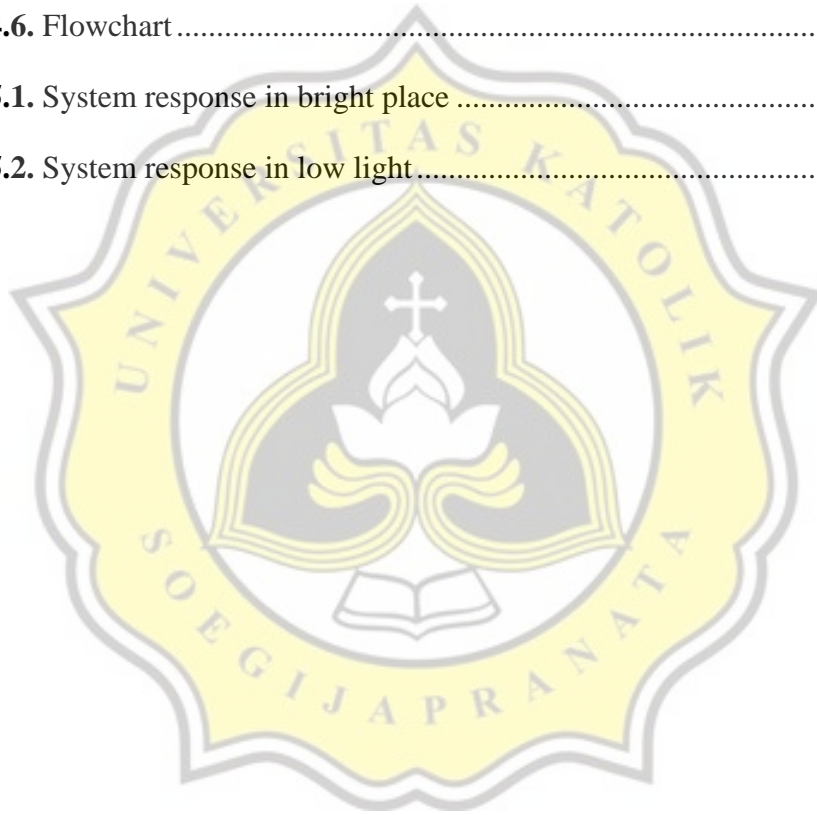
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