



**PROJECT REPORT**  
**SMS ANNOUNCEMENT FROM SCHOOL WITH**  
**COSINE SIMILARITY ALGORITHM**

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## CONFIRMATION PAGE



Final Project Title : SMS Announcement From School With Cosine Similarity  
Algorithm

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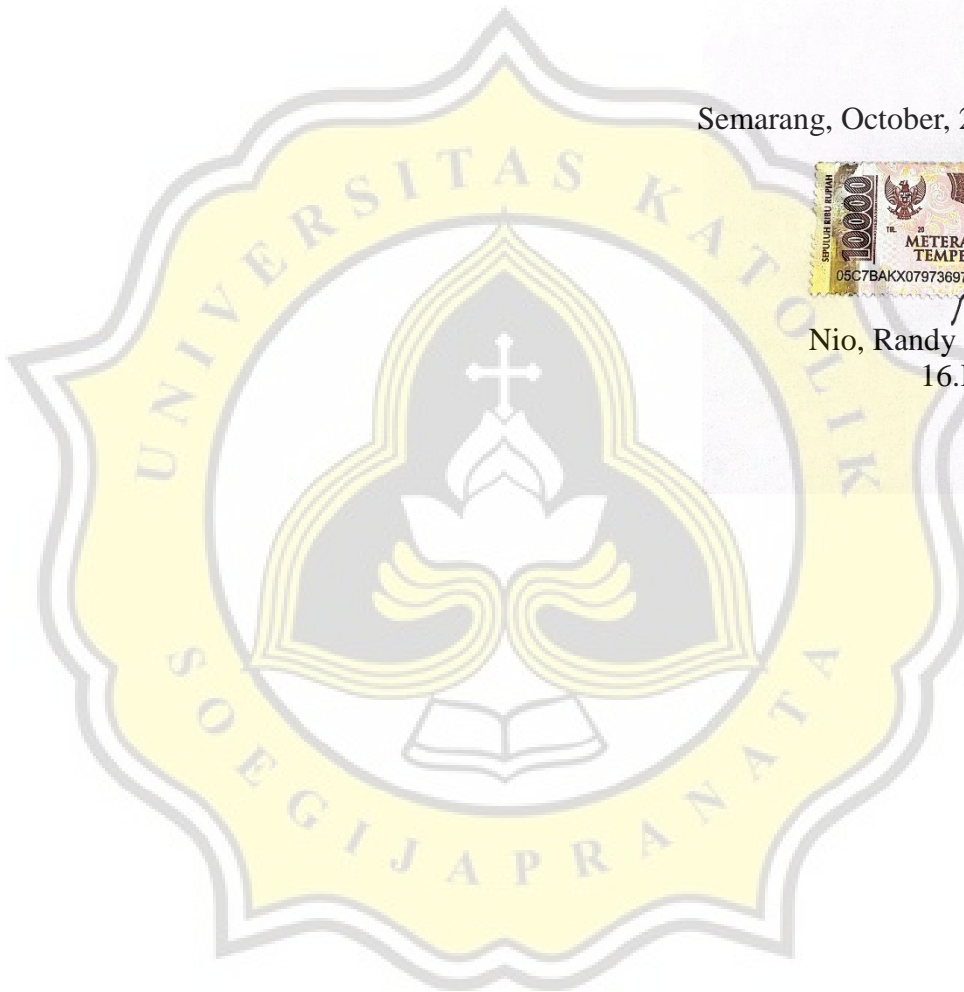
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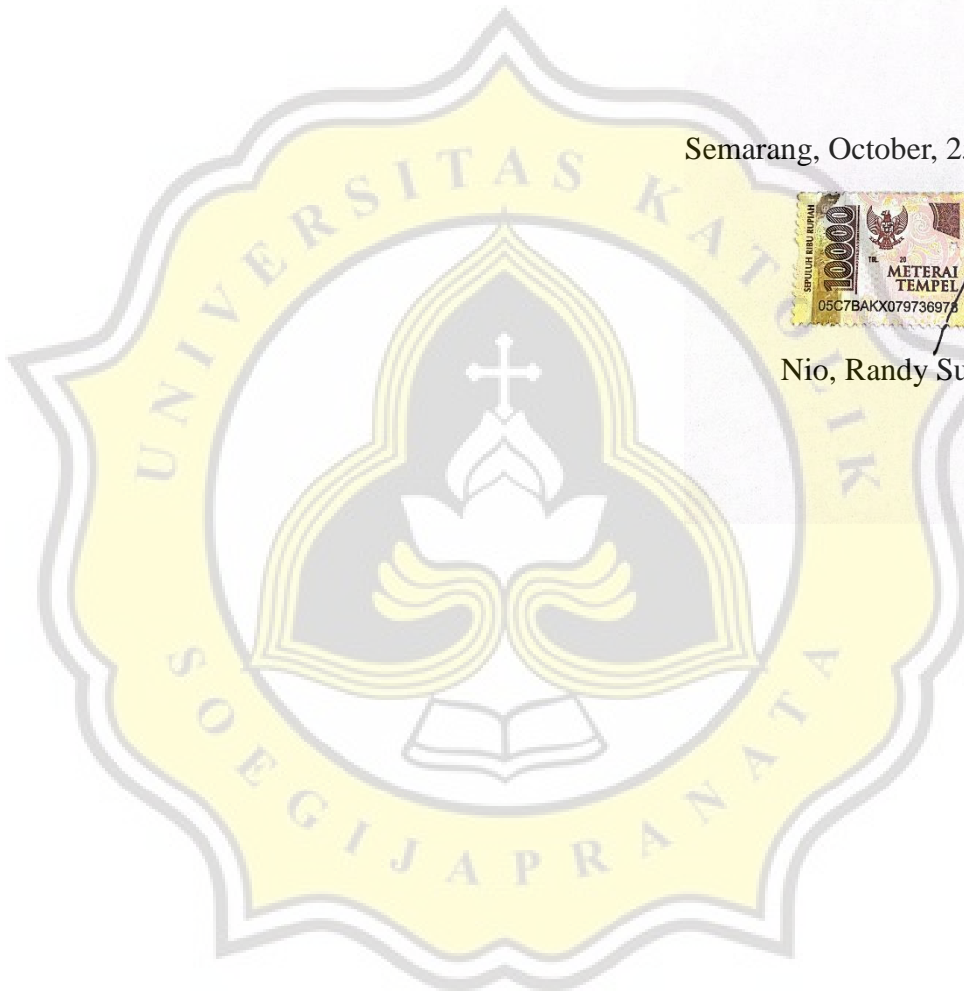
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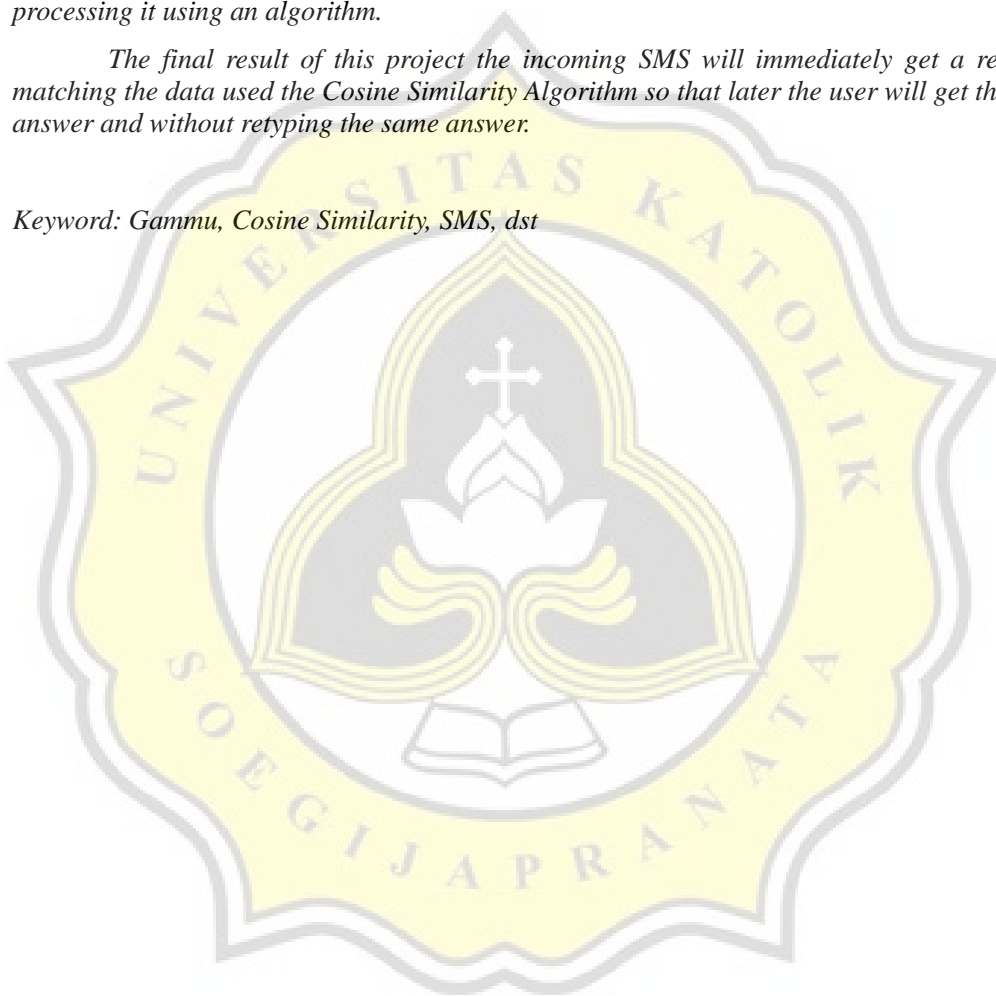
## ABSTRACT

*In ancient times, SMS was used to chat with friends and send / receive messages. SMS accommodates 140 characters often contains short messages due to difficulty typing, cost savings. SMS can also be used to send pictures, sounds and movies which is called MMS. Popular SMS at a relatively cheap price 300 rupiah/SMS. In this project, the author will create an SMS notification as a means of school information using Gammu by used the Cosine Similarity Algorithm in the auto reply feature.*

*The author makes an auto reply feature for every incoming SMS. Previously, I had distributed questionnaires about what questions the user would ask based on the lecture room, class schedule, replacement class. This data is used for matching with the data set. So if a user asks the admin, the user immediately gets an answer according to the question asked by processing it using an algorithm.*

*The final result of this project the incoming SMS will immediately get a reply by matching the data used the Cosine Similarity Algorithm so that later the user will get the right answer and without retyping the same answer.*

*Keyword: Gammu, Cosine Similarity, SMS, dst*



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