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**FINAL REPORT FOR PROJECT II
(KEU 380)**

TITLE:

TELE – VISAGE™

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ACKNOWLEDGEMENTS

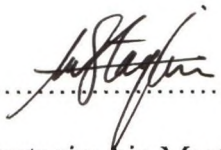
In the name of Allah, the Compassionate, the Merciful, Praise be to Allah, the Lord of the Universe and may the blessings and peace of Allah be upon his Messengers.

First and foremost, thank to Allah s.w.t THE ALMIGHTY, for giving us energy and opportunity to finish this 'Long Report', for subject KEU 380 (Project 2).

To Miss Taniza, all we just want to say is thank you for everything, most importantly for being such a good supervisor to us (we proud to say that you hold a great place In our heart...)

We also want to express our thanks to Mrs. Nooritawati Bt. Md. Tahir, head of Electrical Engineering Department and Mr. Anuar B. Muhammad @ Ahmad and others lecturer, because of their help and co-operation also advise to finish this project and lastly to my housemate and also my all friends. May ALLAH blessing you all.


Wassalam...



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ABSTRACT

This circuit is combination between counter and opto coupler ICs, which can be used in any product, which used low voltage to light in the dark such as bell door and telephone. The low voltage from ring signal through bridge rectifier activates diode in opto coupler ICs. The pulses from opto coupler goes to SCR grounded, meanwhile the pulses signal goes to IC timer and generate loudspeaker to produce sound and in the same time turn on the SCR. The lamp, which connected SCR in series but in parallel with bridge rectifier, an output transform and IC timer, will turn the lamp on.



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1.0 INTRODUCTION

Nowadays, telephone system has been developed rapidly. It has been used in communication system such as Internet, fax and so on. The patent of these telephones more in cellular and ground cables.

In the dark of the night, maybe all of us scare to come out from bedroom to pick-up telephone when it ringing. So we have created something special to overcome that syndrome with our creation, we named it as ' TELE-VISAGE '.

This product used low capacitics in its source. This might save our cost in many aspects like money, energy and components. From our survey, we have found that the instant project more expensive but more quality.

So, we hope that all of you will enjoy with this product.