FACULTY OF ELECTRICAL ENGINEERING
UNIVERSITI TEKNOLOGI MARA
PULAU PINANG

FINAL REPORT:
AUTOMATIC HAND WASH

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This report is submitted to the Faculty of Electrical Engineering,

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In partial fulfillment of the requirement for the award of Diploma in Electrical Engineering.

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ABSTRACT

Automatic hand wash is built to replace the manual hand wash that using water tap and box of soap to clean hand. This project is more efficient compare to the manual water tap in the uses of water and soap. It is 100% automatic, technologically and user friendly. Automatic hand wash can be used anywhere such as in public toilet, residential area, restaurant and others. Furthermore, this project is suitable for all people regarding age and gender. An automatic hand wash system is fully control by the surrounding light. When it is not detecting the light, it will operate while when it detects the presence of light, it will not operate. It is long lasting system because users are not directly contact with the every part of the piping system. Last but not least, this project is surely easing the human life and it can overcome the water and soap wastage problems.

ACKNOWLEDGEMENT

In the name of ALLAH s.w.t and the most merciful with selawat and salam to prophet Muhammad s.a.w, Alhamdulillah, thanks to Allah s.w.t for the help and permission that gave to us giving the idea and health, also the opportunity to complete our project, 'AUTOMATIC HAND WASH' within the given time duration.

Firstly we would like to express our deep gratitude and thank to our supervisor, En. Mohaiyedin bin Idris for guiding us in doing this project. With the tips and supports that our supervisor gave, at the end we can complete this project. We also would like to thanks to our parents and friends for help us by giving supporting idea in improving our project.

We also feel very lucky because UiTM has provided complete facilities for students which we can use that to do our project and from that, we can find lots of information by books or by internet services provided and used the laboratories and all the equipment's with permission.

During carry out this project, we had learned that the corporation and tolerate between us is the most important thing in a group assessment. Besides, through this project, we can share and gain more knowledge such as circuit development software simulation and others.

Lastly, we hope this project can be used as a revision in the future for the other students, so that they also can get the information and help in their projects. Once again, thank you very much for all of those who supported us in a respect during the completion of the project.

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