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FACULTY OF ENGINEERING AND INFORMATION

TECHNOLOGY

SCHOOL OF ENGINEERING

FINAL REPORT

FINAL YEAR ENGINEERING PROJECT (2002)

Project Title:	SOFT DRINK MACHINE CONTROL USING PROGRAMMABLE LOGIC CONTROLLER
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## ABSTRACT

The following report is the document of the project entitled **“Soft Drink Machines Control Using Programmable Logic Controller (PLC)”**. This project is form of software and hardware part.

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The aim of this project is to control the soft drink machines from time to time in order to maintain the services to the public. Imagine that when a family go for picnic and found a nice spot to settle down their things and at the middle time of fun, they are run out of water. The shops that sell the drinks were far away from their picnic spot or in other word to describe “inconvenience”. The purpose of this project is to over-come this “inconvenience” where the soft drink machine is interfaced with the PLC.

The PLC is an automation machine where it will be uploaded with a programming in form of a ladder diagram.