



PROJECT REPORT
Creating And Controlling Seven Segment For
Raspberry Pi

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APPROVAL AND RATIFICATION PAGE

PROJECT REPORT

Creating And Controlling Seven Segment For Raspberry Pi

by

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STATEMENT OF ORIGINALITY

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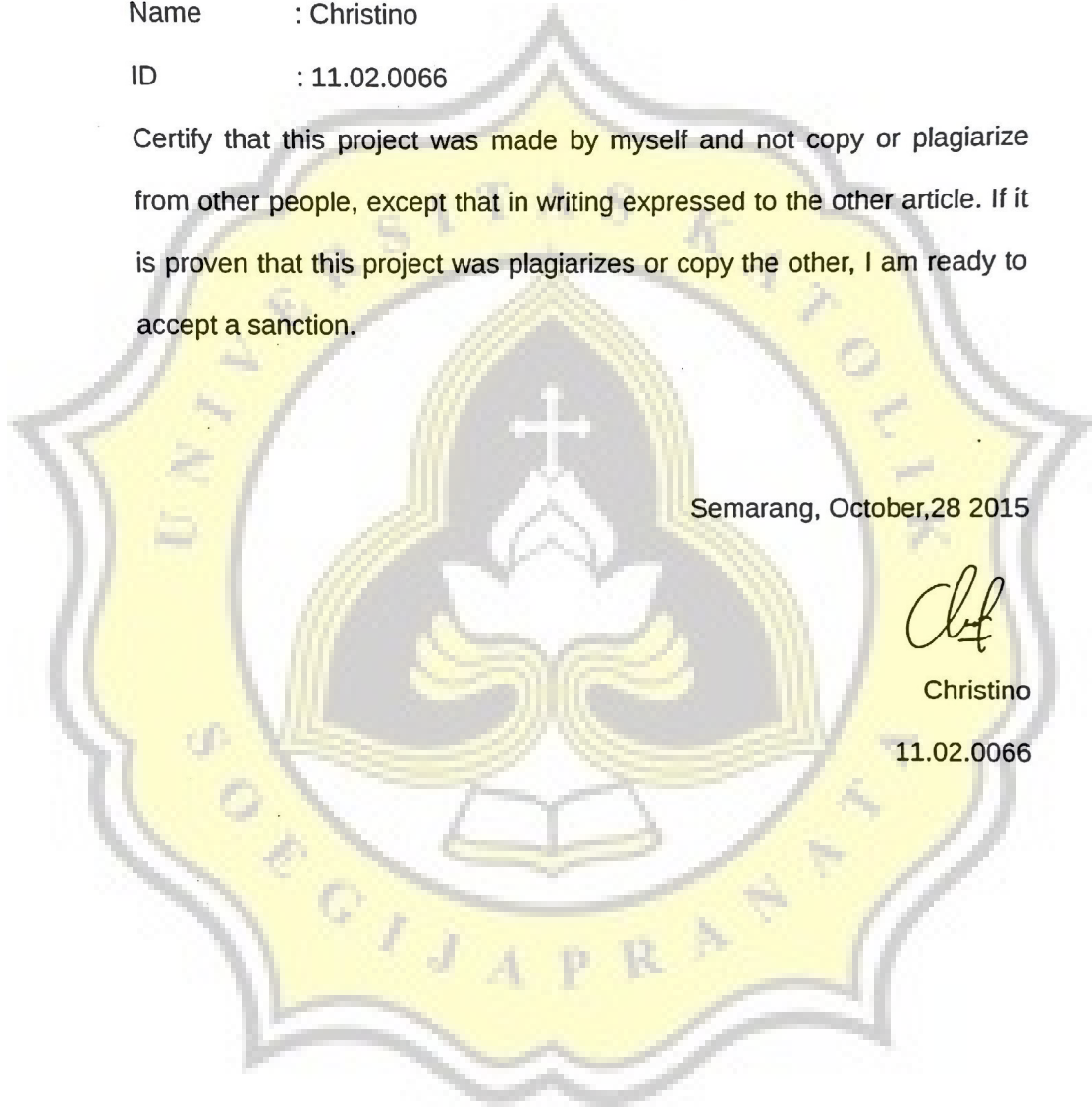
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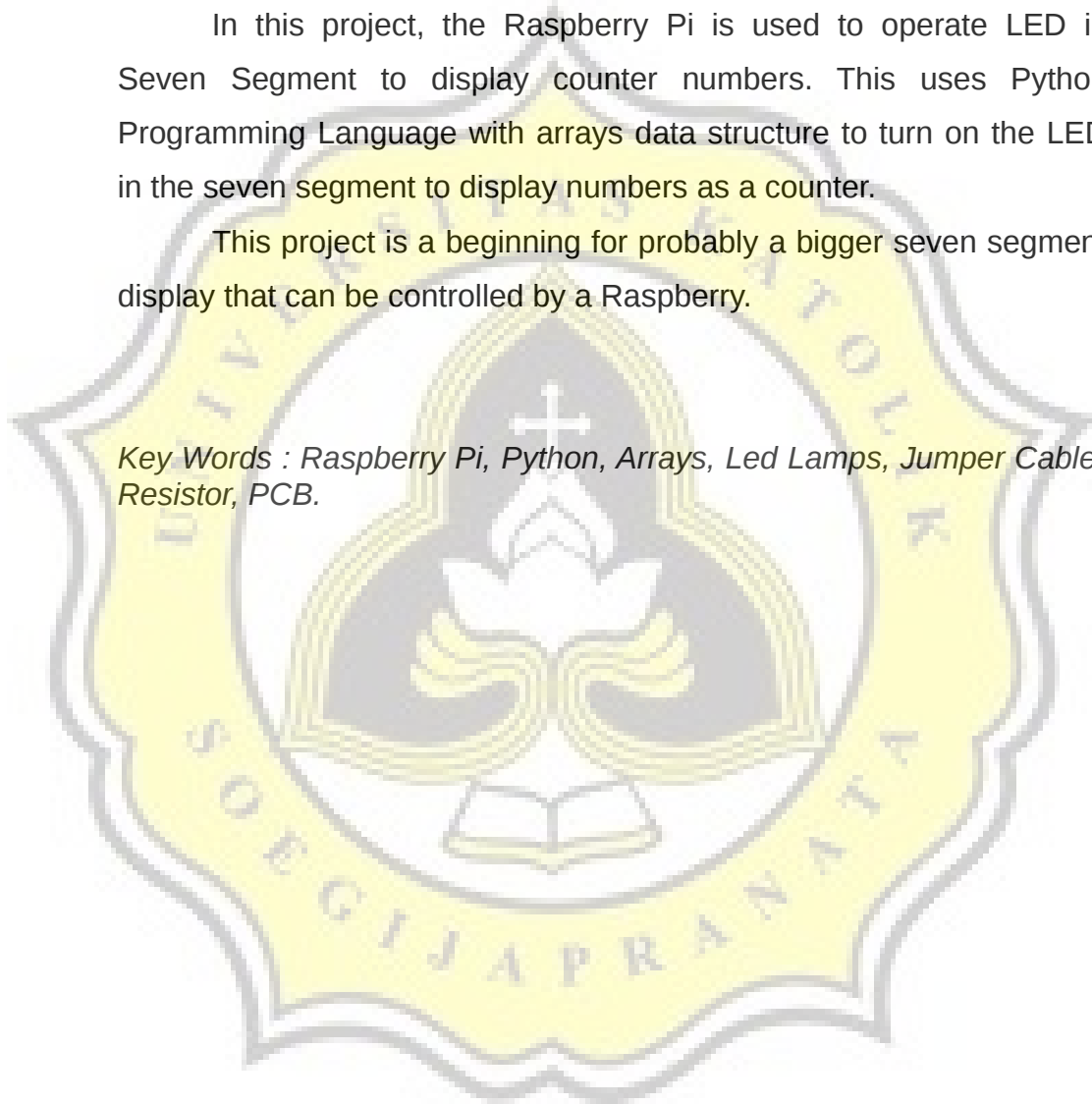
ABSTRACT

This is a Raspberry Pi project with two digits LED Lamps Seven Segment which created in 10x5 cm² per each. This has two input numbers for starting and stopping numbers.

In this project, the Raspberry Pi is used to operate LED in Seven Segment to display counter numbers. This uses Python Programming Language with arrays data structure to turn on the LED in the seven segment to display numbers as a counter.

This project is a beginning for probably a bigger seven segment display that can be controlled by a Raspberry.

Key Words : Raspberry Pi, Python, Arrays, Led Lamps, Jumper Cable, Resistor, PCB.



PREFACE

The purpose of this project is to implement Raspberry as multifunctional controller, one of those is to build seven segment LED controlled by raspberry pi. This uses Python Programming Language with array data structure to turn on the LED in the seven segment to display numbers as a counter.

This project is seven segment often found in public places, like a traffic lights, digital clock, calculator, and others. Hopefully with project I made, could be an inspiration and can be developed with a larger project.

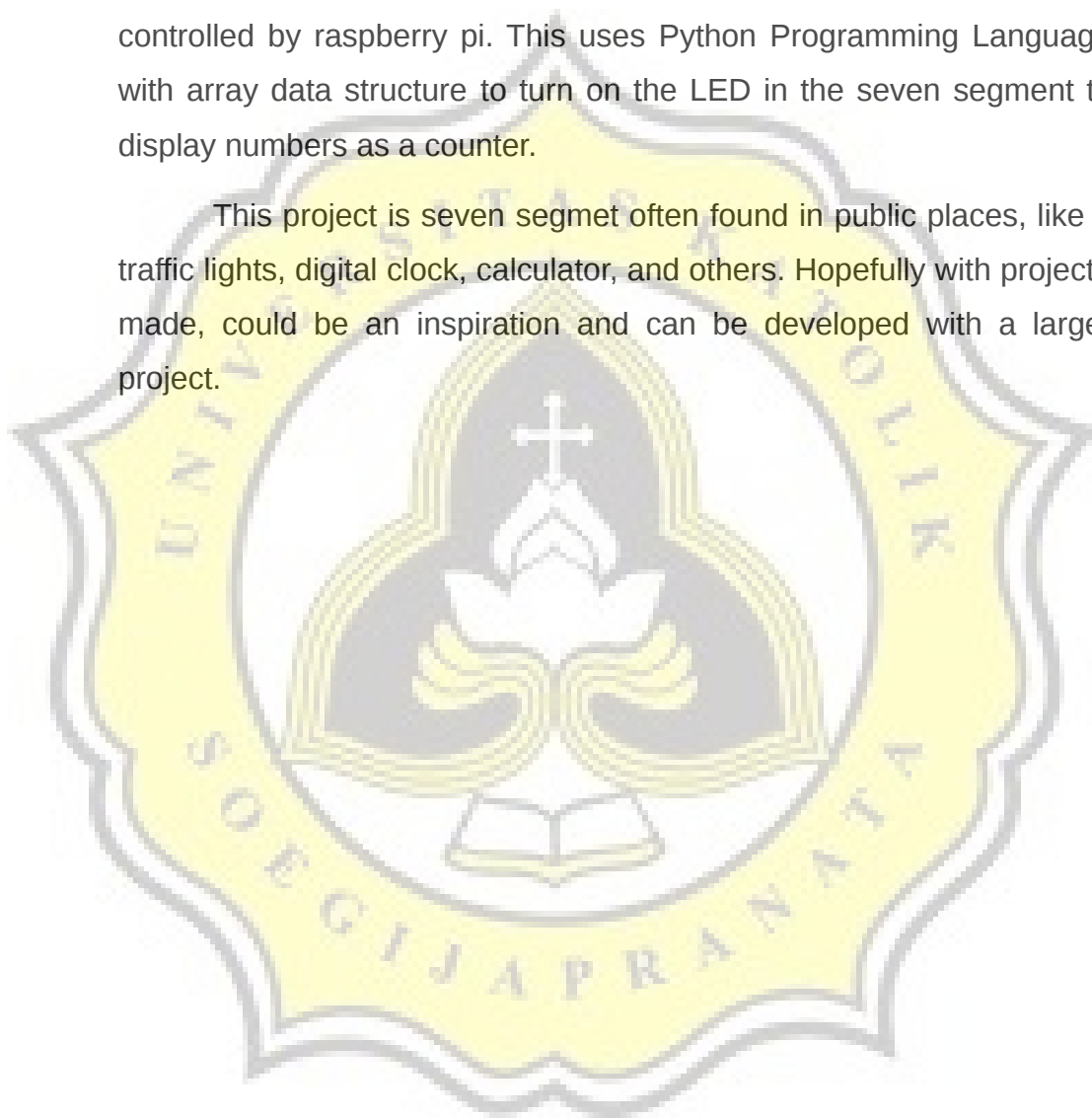


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