

**TEMPERATURE CONTROLLED SOLDERING
IRON DEVICE WITH TEMPERATURE DISPLAY**

A Project Study

Presented to

The Faculty of Engineering

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BACHELOR OF SCIENCE IN ELECTRONICS

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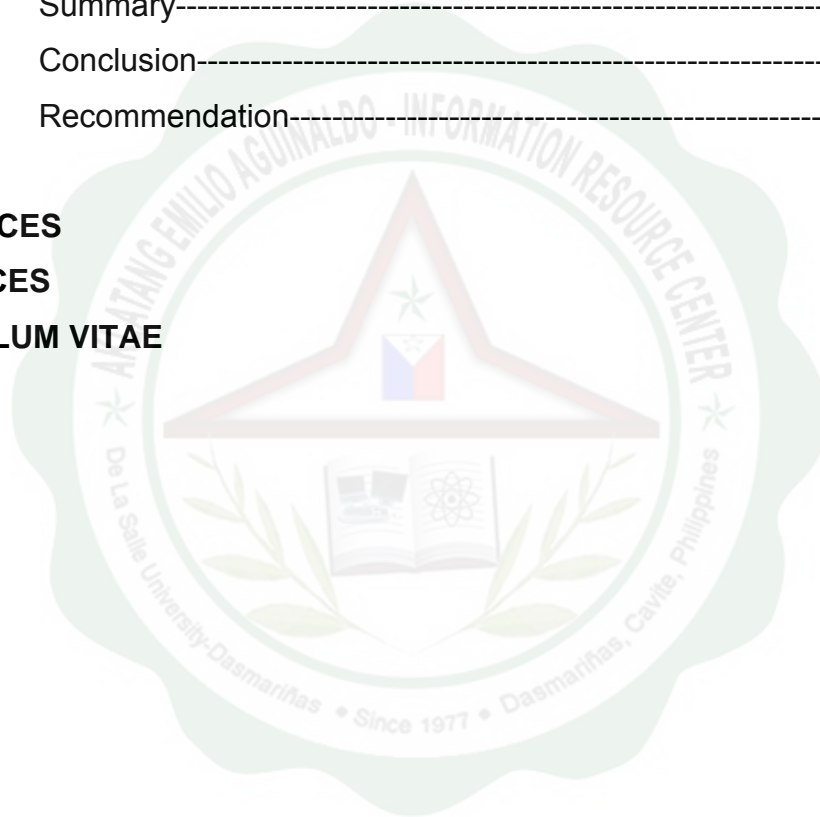
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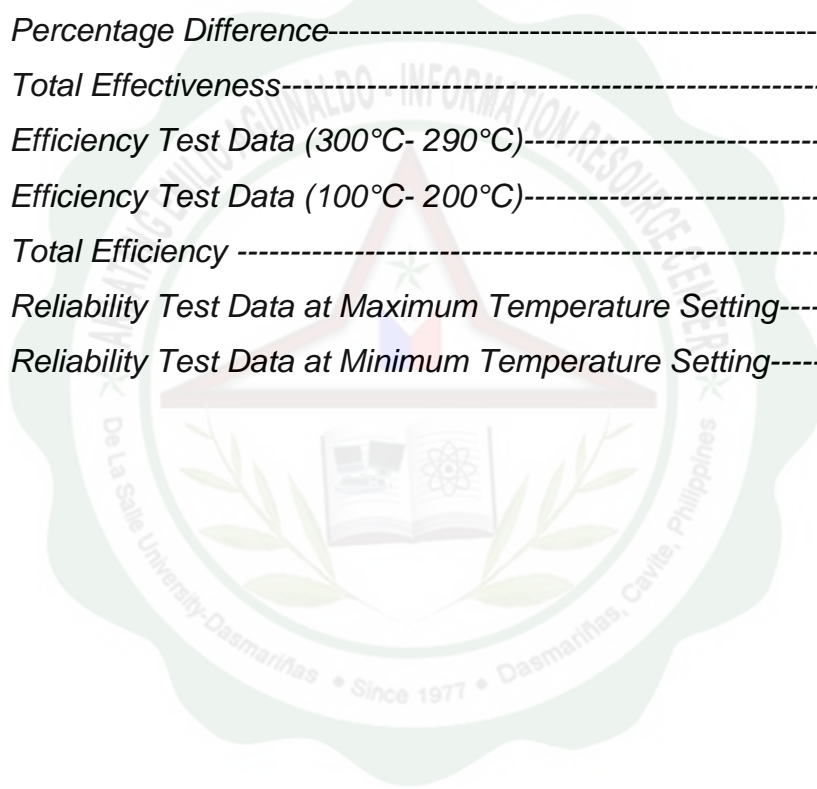
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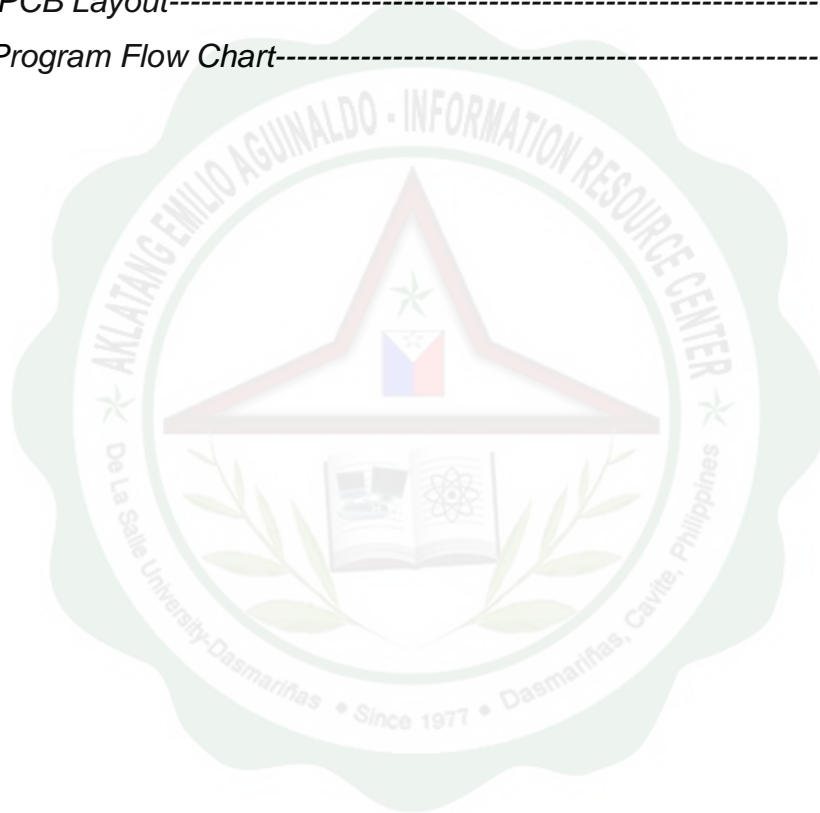
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ABSTRACT

Title	TEMPERATURE CONTROLLED SOLDERING IRON DEVICE WITH TEMPERATURE DISPLAY
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This paper presents the innovation of a soldering iron device called **TEMPERATURE CONTROLLED SOLDERING IRON DEVICE WITH TEMPERATURE DISPLAY**. This device allows the user to control the temperature of the soldering iron device based from his desired temperature setting. This paper shall cover the process of how it was developed, its features, its limitations and technical specifications. Moreover, it shall include a background on how it was conceptualized. However, it shall not include thorough explanations and derivations of formulas of the theories involve in the project. At the end of this paper, it aims to introduce to the readers an innovative, yet low-cost soldering controller device.