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Final Year Project

Draft

# Executive Summary

This is my executive summary.

Table of Contents

[Executive Summary 1](#_Toc148469445)

[1. Introduction 3](#_Toc148469446)

[2. Literature Review 4](#_Toc148469447)

[3. Methodology 5](#_Toc148469448)

[3.1 Fault Detection using Thermal Imaging 5](#_Toc148469449)

[4. Problem Statement 6](#_Toc148469450)

[5. Discussion 7](#_Toc148469451)

[6. Recommendation 8](#_Toc148469452)

[6.1 Future Research Path Recommendations 8](#_Toc148469453)

[7. Conclusion 9](#_Toc148469454)

[8. References 10](#_Toc148469455)

[9. Bibliography 11](#_Toc148469456)

# Introduction

# Literature Review

# Methodology

## Fault Detection using Thermal Imaging

A diagram of a process flow

Description automatically generated

Figure : https://www-sciencedirect-com.ezproxy.newcastle.edu.au/science/article/pii/S0026271417300367?via%3Dihub

# Problem Statement

# Discussion

# Recommendation

## Future Research Path Recommendations

1. privacy matters with broken phones.
2. AI powered Phone Repair.

# Conclusion

# References

# Bibliography

Repair motivation and barriers model: Investigating user perspectives related to product repair towards a circular economy.

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Repair of electronic products: Consumer practices and institutional initiatives.

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<https://www.bankmycell.com/sell-broken-phones#:~:text=If%20your%20device%20has%20got,of%20the%20brand%20new%20value>

Fault Diagnosis of electronic system using artificial intelligence

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A More-than-Human Right-to-Repair

<https://dl.designresearchsociety.org/drs-conference-papers/drs2022/researchpapers/269/>

fault detection on robot manipulators using artificial neural network

<https://www.sciencedirect.com/science/article/abs/pii/S0736584510000682>

An Efficient Fault Detection Method for Induction Motors Using Thermal Imaging and Machine Vision

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Detection of Faulty Integrated Circuits in PCB with Thermal Image Processing

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Automated Evaluation and Rating of Product Repairability using Artificial Intelligence-Based Approach

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