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Rupom Saha c3268577

The University of Newcastle

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# Executive Summary

This is my executive summary.

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# Introduction

# Literature Review

# Methodology

# 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.

<https://www.sciencedirect.com/science/article/pii/S0959652620356900>

Repair of electronic products: Consumer practices and institutional initiatives.

<https://www.sciencedirect.com/science/article/abs/pii/S235255092100378X>

Mining consumer experiences of repairing electronics: Product design insights and business lessons learned.

<https://www.sciencedirect.com/science/article/abs/pii/S095965261631040X>

Selling 'Used' Cell Phones

<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

<https://ieeexplore.ieee.org/abstract/document/1028367>

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

<file:///C:/Users/USER/Downloads/sustainability-14-09060-v2.pdf>

Detection of Faulty Integrated Circuits in PCB with Thermal Image Processing

<https://ieeexplore.ieee.org/abstract/document/8946061>