

# A permissioned blockchain prototype facilitating banking record interoperability

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# Declaration

Test text

# **Abstract**

# **Acknowledgements**

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# **Chapter 1**

## **Introduction**

# **Chapter 2**

## **Background Literature**

### **2.1 Defining Blockchain Technology**

#### **2.1.1 Cryptographic Hashes and Digital Signatures**

#### **2.1.2 Public Ledger**

#### **2.1.3 Cryptographic Algorithm**

#### **2.1.4 Network of Nodes**

**Proof of Work**

### **2.2 Organisational Interoperability**

### **2.3 Facilitating Interoperability using Blockchain Technology**

### **2.4 Blockchain Technology in Banking Organisations**

#### **2.4.1 Permissioned Blockchain Networks**

### **2.5 Blockchain Data Storage and Retrieval**

## **Chapter 3**

# **Ethical and Professional Considerations**



## **Chapter 4**

## **Evaluation**

# **Chapter 5**

## **Learning**

## **Chapter 6**

## **Conclusion**

## **Appendix A**

## **Appendices**