

# 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 Background**

#### **2.1.2 Types of Blockchains**

**Permissionless**

**Permissioned**

**Consortium**

#### **2.1.3 Blockchain Components**

**Cryptographic Hash Functions**

**Transactions**

**Asymmetric-Key Cryptography**

**Addresses**

**Ledgers**

**Blocks**

**Chaining Blocks**

#### **2.1.4 Consensus**

**Proof of Work (PoW)**



## **Chapter 3**

# **Ethical and Professional Considerations**

## **Chapter 4**

### **Evaluation**

# **Chapter 5**

## **Learning**

## **Chapter 6**

## **Conclusion**

# **Appendix A**

## **Appendices**