## TABLE OF CONTENTS

Front Cover ..... i
Inside Cover ..... ii
DEGREE REQUIREMENTS ..... iii
THESIS APPROVAL SHEET ..... iv
DETERMINATION OF EXAMINING COMMITTEE ..... v
STATEMENT OF THESIS ORIGINALITY ..... vi
ACKNOWLEDGEMENT ..... vii
SUMMARY ..... ix
ABSTRACT ..... xii
TABLE OF CONTENTS ..... xiii
LIST OF FIGURES ..... xv
LIST OF TABLES ..... xvi
LIST OF ABBREVIATIONS ..... xvii
LIST OF APPENDICES ..... xix
CHAPTER ONE: INTRODUCTION ..... 1
1.1 Background to the study ..... 1
1.2 Situation analysis ..... 4
1.3 Problem statement ..... 9
1.4 Research Questions ..... 10
1.5 Purpose of the study ..... 11
1.6 Objectives of the study ..... 12
CHAPTER TWO: LITERATURE REVIEW ..... 13
2.1 Digital transformation ..... 13
2.2 Human resource development ..... 17
2.3 Digital transformation in Rwanda ..... 19
2.4 Digital transformation and Human Resources Development ..... 20
CHAPTER THREE: RESEARCH METHODS ..... 24

3.1 Research type ..... 24
3.2 Current Case ..... 26
3.3 Selection of informants ..... 29
3.4 Source of Data and Data Collection techniques ..... 30
3.5 Data analysis techniques ..... 30
CHAPTER FOUR: RESEARCH RESULTS AND DISCUSSION ..... 36
4.1 Characteristics of the informants ..... 36
4.2 Cashless payment system in public transport in Rwanda ..... 39
4.3 The outputs of digital transformation on Human resource development ..... 42
4.4 Benefits of Digital transformation on human resource development ..... 45
4.5 How HR Practitioners use DT to support HRD ..... 53
4.6 Challenges brought by digital transformation towards HRD ..... 56
4.7 Summary of research findings ..... 58
CHAPTER FIVE: CONCLUSION AND RECOMMENDATIONS ..... 63
REFERENCES ..... 76

## LIST OF FIGURES

Figure 1: Essential Activities of Digital Transformation ..... 15

## LIST OF TABLES

Table 1: Characteristics of informants ..... 37
Table 2: Summary of research findings indicators from interviews ..... 59

## LIST OF ABBREVIATIONS

CEO: Chief Executive Officer

DRC: Democratic Republic of Congo

DT: Digital Transformation

GDP: Gross Domestic Product

HR: Human Resources

HRD: Human Resource Development

ICT: Information and Communication Technology

IoT: Internet of Things

IT: Information Technology

LL: Low Level

ML: Middle Level

NISR: National Institute of Statistics

PDA: Personal Digital Assistant

PoS: Point of Sales

RFTC: Rwanda Federation of Transport Cooperatives

RURA: Rwanda Utilities Regulatory Authority

Sq. mi: Square Miles

TL: Top Level

TVET: Technical and Vocational Education and Training

## LIST OF APPENDICES

Appendix 1: INTERVIEW GUIDE ..... 77