

## Table of Contents

<b>Table of Contents .....</b>	<b>i</b>
<b>List of Figures.....</b>	<b>iii</b>
<b>Abbreviations &amp; Acronyms .....</b>	<b>iv</b>
<b>Abstract.....</b>	<b>v</b>
<b>Chapter 1 : Introduction .....</b>	<b>1</b>
1.1 Research Questions .....	3
1.2 Expected Goals and Contributions to Science .....	3
1.3 Previous Study / Literature Review .....	4
1.4 Research Methodology.....	17
1.5 Thesis Outline .....	23
<b>Chapter 2 : Fourth Industrial Revolution and E-commerce in Global Context .....</b>	<b>25</b>
2.1. Fourth Industrial Revolution and the Digital Economy.....	25
2.2. E-Commerce .....	28
2.3. The Future of Work and Employment Opportunity in E-Commerce .....	31
<b>Chapter 3 : Indonesian E-Commerce and Youth .....</b>	<b>34</b>
3.1. The Characteristics of E-commerce in Indonesia .....	34
3.2. Socioeconomic Impact of E-Commerce on Youth .....	46
3.3. Challenge for E-Commerce in Indonesia.....	50



## **Chapter 4 : The Nature of Work and Social Security Issues Among Youth in E-**

**Commerce.....53**

4.1 The Discussion on Jobs in E-Commerce Sector .....53

4.2. The Nature of Work among Youth on E-Commerce.....60

4.3. Perspective on Social Security Issues .....63

**Chapter 5 : Conclusion & Recommendations .....67**

5.1 Conclusions.....67

5.2 Recommendations.....71

5.3 Limitation of the Research.....74

**Bibliography .....75**

## List of Figures

Figure 1. Internet User Penetration (APJII, 2019) .....	34
Figure 2. Time Spent on the Internet (APJII, 2019) .....	35
Figure 3. The Number of Social Media Users in Indonesia (ASEAN Briefing, 2019) .....	37
Figure 4. Online Commerce Projections (McKinsey, 2018) .....	39
Figure 5. Timeline of E-Commerce Regulation in Indonesia (Rumata & Sastrosubroto, 2017) .....	46
Figure 6. Indonesian Online Seller Survey Report (JakPat, 2015) .....	57
Figure 7. Impact of Online Commerce on Job Creation (McKinsey, 2018).....	58
Figure 8. Impact of Online Commerce on Social Equality (McKinsey, 2018) .....	59

## Abbreviations & Acronyms

<b>B2C</b>	Business to Consumer
<b>BLK</b>	Balai Latihan Kerja (Regional Skill Development Centre)
<b>BPJS</b>	Badan Penyelenggara Jaminan Sosial (Social Security Institution)
<b>BPJS KETENAGAKERJAAN</b>	Badan Penyelenggara Jaminan Sosial Ketenagakerjaan (Social Security Institution for Employment)
<b>BPJS KESEHATAN</b>	Badan Penyelenggara Jaminan Sosial Kesehatan (Social Security Institution for Health)
<b>BPS</b>	Badan Pusat Statistik (Central Bureau of Statistics)
<b>C2C</b>	Consumer to Consumer
<b>CEO</b>	Chief Executive Officer
<b>ILO</b>	International Labour Organisation
<b>IoT</b>	Internet of Things
<b>KADIN</b>	Kamar Dagang dan Industri (Chamber of Commerce and Industry)
<b>MSMEs</b>	Micro, Small, and Medium Enterprises
<b>NPG</b>	National Payment Gateway
<b>P2P</b>	Peer to Peer
<b>PP</b>	Peraturan Pemerintah (Government Regulation)
<b>SJSN</b>	Sistem Jaminan Sosial Nasional (National Social Security System)
<b>SMEs</b>	Small and Medium Enterprises
<b>USO</b>	Universal Service Obligation