



UNIVERSITAS
GADJAH MADA

Table of Content

<i>Abstract</i>	2
<i>Table of Content</i>	3
<i>Table of Figures</i>	4
1. <i>Introduction</i>	5
2. <i>Roles of Big Data in Social Security Provision: A Literature Review</i>	8
3. <i>Applying Seven Steps of Lesson Drawing to Show How Does Indonesia Learn Lessons from The South Korean National Health Insurance Service (NHIS) and National Pension Service (NPS)</i>	12
a. Step 1 Diagnosing the problem	12
- BPJS Kesehatan (Health Care Social Security Agency)	13
- BPJS Ketenagakerjaan (Employment Social Security Agency)	17
b. Step 2 Selecting a Country to Look for Lesson	20
c. Step 3 Investigating a Program's Work in the Selected Country	22
- National Health Insurance Service (NHIS)	22
• My Health Bank Service.....	25
• National Health Alarm Service	27
- National Pension Service (NPS)	29
• Big Data for Analysing Public Opinion Trend.....	30
d. Step 4 Abstracting a Cause-and-Effect Model	31
e. Step 5 Designing a Lesson Based on Various Model	31
- BPJS Kesehatan.....	32
• Preventative Healthcare Apps	32
• Alarm or Alert Detection	32
- BPJS Ketenagakerjaan.....	33
• Big Data for improving Customer Relationship Management (CRM)	33
f. Step 6 Deciding whether or not to import from Abroad	33
g. Step 7 Addressing Resource Requirements and Obstacles	34
- Data Integration.....	34
- Human Resources	35
- Data Quality	35
- Internet Inequality	36
4. Conclusion	36
References	38