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RESEARCH TITLE

STUDENT'S NAME

A project report submitted in partial fulfilment of the requirement for the award of
the Bachelor of / Diploma of

Faculty's Name

Universiti Tun Hussein Onn Malaysia

MONTH YEAR (*Use Submission Month*)

I hereby declare that the work in this Report is my own except for quotations
and summaries which have been duly acknowledged

Student : [SIGNATURE]
[STUDENT'S NAME]

Date :

Supervisor : [SIGNATURE]
[SUPERVISOR'S NAME]

Co-Supervisor : [SIGNATURE]
[CO-SUPERVISOR'S NAME]

DEDICATION [OPTIONAL]

For my beloved father and mother ...

ACKNOWLEDGEMENT

Acknowledgements must be written on a single page only. Its purpose is to record the author's appreciation for individuals or organizations that provided their assistance either directly or indirectly in the preparation of the thesis.

ABSTRACT

The abstract is a short summary of the thesis written in a single page only. It should describe the rationale and objectives (problem statement), the methodology, as well as the findings and conclusion of the study undertaken. The abstract should be between 250 - 350 words written in two languages, Bahasa Melayu and English. For English Reports, the abstract begins in English and continues with its Malay translation on the next page. Do not include any literature review, unexplained abbreviations, limitations or suggestions for future research in the abstract. It must be written with a single spacing.

ABSTRAK

Abstrak tesis adalah ringkasan pendek sesuatu tesis. Ia menerangkan tentang rasional dan objektif (pernyataan masalah), metodologi, keputusan dan Kesimpulan sesuatu kajian yang dijalankan. Abstrak tersebut antara 250 - 300 perkataan dan ditulis dalam dua bahasa, Inggeris dan Bahasa Melayu. Bagi tesis yang ditulis dalam Bahasa Inggeris, abstrak hendaklah ditulis dalam Bahasa Inggeris diikuti oleh terjemahan dalam Bahasa Melayu pada muka surat berikutnya. Jangan masukkan ulasan karya, singkatan tanpa penjelasan, kekangan kajian atau cadangan kajian lanjutan dalam abstrak.

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LIST OF SYMBOLS AND ABBREVIATIONS

Al_2O_3	-	Aluminum oxide/ Alumina
B	-	Proportionality constant
BVP	-	Boundary value problem
c_p	-	Specific heat at constant pressure
Cu	-	Copper
CuO	-	copper oxide

Greek symbol

a	-	Mass concentration of dust particles/ stretching rate
β	-	fluid-particle interaction for velocity
δ	-	Velocity slip parameter
η	-	Similarity variable

Superscript

d	-	Dust particles
f	-	Fluid properties
nf	-	Nanofluid phase
p	-	Particle phase

Subscript

d	-	Dust particles
f	-	Fluid properties
nf	-	Nanofluid phase

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CHAPTER 1

TITLE OF CHAPTER

1.1 Main Heading

First sentence in the first paragraph of a chapter begins from the left margin and justify.

First sentence of the second paragraph begins ONE TAB from the left margin and justify.

1.1.1 Subheading No 1

First sentence in the first paragraph of a sub-title begins from the left margin and justify.

First sentence of the second paragraph begins ONE TAB from the left margin and justify .

Tables in the thesis must be numbered in Arabic numerals, linked to the respective chapter number. The caption must be appearing above the table, justified, without a period at the end, and single-spaced between lines for each table and the text within the table, should be written using the font size used in the document (as per section 1.9) and single spaced between the lines. If a table spans multiple pages, denote its continuation on the subsequent page as, for instance, "Table 1.1 (continued)."

Table 1.1: Number of Reviewed Journals with respect to Publication Source

Number of reviewed journals with respect to publication source			
Name of journal	No of articles	Name of journal	No of articles
A Journal of the Decision Science Institutes	1	Journal of Business Marketing Management	1
Academy of Management Journal	1	Journal of Business Research	6

Table 1.1: Continued

Industrial Management	Marketing	14	MIT Sloan Management	1
Innovation-Management & Practice	Policy	3	Operation Management of Resources	1
International Journal of Organizational Innovation	Journal of	2	Organizational Studies	2
International Business Journal		1	Organizational Dynamics	1
International Business Review		2	Production Planning & Control	1
International Journal of Business and Management		1	PLOS One	1
International Journal of Business Innovation and Research		1	R&D Management	6
International Journal of Innovation Management	Journal of	1	Research Policy	27
International Journal of Electronic Business Management	Journal of	1	Sciencetometrics	1
International Journal of Engineering Innovation & Management	Journal of	2	Science and Public Policy	5
International Journal of Research and Marketing		1	Science Technology and Society	1
International Journal of Technology Management	Journal of	1	Strategic Management Journal	5
International Small Business Journal		2	Strategic Change	1
Industrial and Corporate Change		3	Technovation	24
Journal of Marketing		2	Technological and Economic development of Economy	1
Journal of Economics & Management Strategy		1	Technology Analysis & Strategic Management	2
Journal of International Marketing		1	Technology and Investment	1
Journal of International Management		1	Technology Forecasting & Social Change	6
Journal of Product Innovation Management		17	The International Journal of Human Resource Management	2
Journal of Purchasing and Supply Chain		1	World Journal of Entrepreneurship, Management & Sustainable Development	1
Total		88		138

1.1.1.1 Tertiary heading no. 1

When a table is sourced, provide the source at the end of its caption. Tables should only be included after citation in the text. Additionally, all tables referenced in the text must be listed in the list of tables.

Table 1.2: Comparison between lab and simulation computer result (Jerrentrup *et al.*, 2018)

Length Ratio	Lab Experiment in Average	Comparison Simulation in Average
0.250	0.46	0.560
0.375	0.63	0.738
0.500	0.75	0.861
0.625	0.83	0.939
0.750	0.88	0.981
0.875	0.93	0.997
1.000	1.00	1.000

Figures in the thesis must be numbered in Arabic numerals, linked to the respective chapter number (e.g., the third figure in Chapter 4 is labeled "Figure 4.3"). The caption must be appearing below the figure, justified, and single-spaced between lines for each figure and the text within the figure, should written using the font size used in the document (as in thesis writing guideline) and single spaced between the lines.

If the table is arranged horizontally, the following is an example of the format for a horizontal table

Table 4.19: Correlation and Discriminant Validity

	1	2	3	4	5	6	7	8	9	10	11	12	13
1. Degree of Innovation Uncertainty	0.801												
2. Degree of Innovation Asset Specificity	0.460	0.804											
3. Information Sharing	0.658	0.518	0.790										
4. Trust	0.454	0.298	0.668	0.777									
5. Business Understanding	0.657	0.644	0.753	0.589	0.865								
6. Communication	0.662	0.486	0.765	0.637	0.825	0.862							
7. Commitment	0.658	0.552	0.758	0.618	0.827	0.793	0.852						
8. Decision Synchronization	0.630	0.578	0.783	0.713	0.814	0.784	0.814	0.935					
9. Resource Sharing	0.685	0.548	0.765	0.570	0.729	0.695	0.759	0.832	0.844				
10. Absorptive Capacity	0.678	0.550	0.562	0.565	0.651	0.681	0.698	0.699	0.612	0.839			
11. Disseminative Capacity	0.612	0.437	0.672	0.549	0.668	0.644	0.752	0.767	0.717	0.689	0.851		
12. Market Performance	0.570	0.365	0.612	0.516	0.527	0.502	0.585	0.646	0.675	0.573	0.592	0.871	
13. Innovation Survival	0.658	0.354	0.623	0.668	0.534	0.587	0.643	0.662	0.589	0.610	0.622	0.715	0.764

Note: Values in the diagonal (in bold) represent the square root of the AVE while off-diagonals are correlations

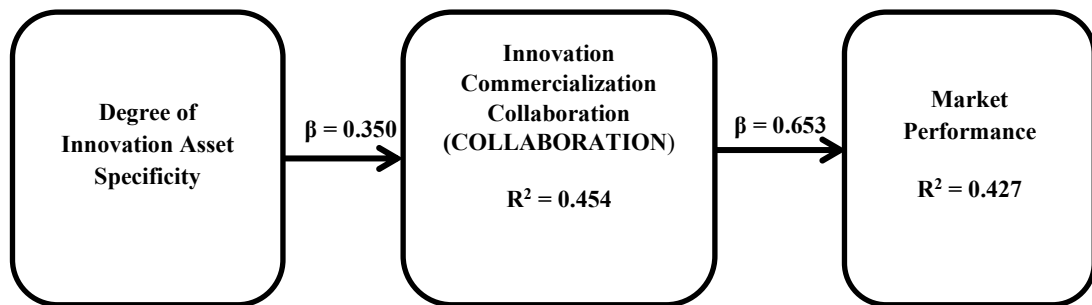


Figure 5.9: Mediating effect of (AS→COLLABORATION→MP)

When a figure is sourced, provide the source at the end of its caption. Figure should only be included after citation in the text. Additionally, all figures referenced in the text must be listed in the list of figures.

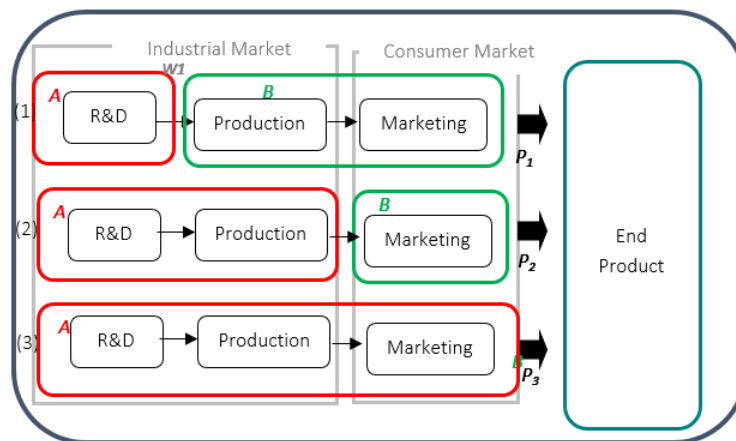


Figure 2.7: Three collaboration models in commercialization (Sources: Lin *et al.*, 2011)

If the figure is arranged horizontally, the following is an example of the format for a horizontal figure.

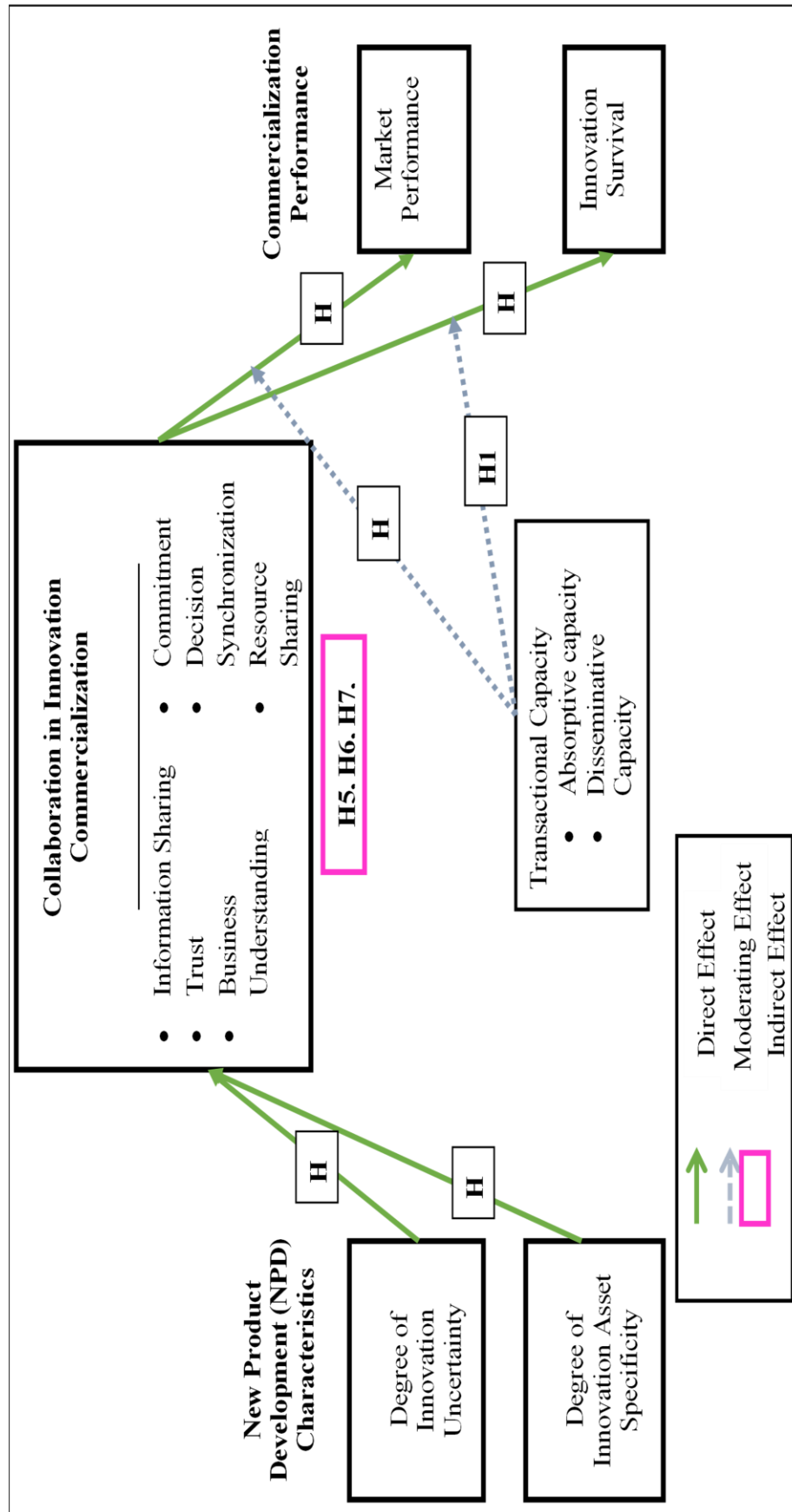


Figure 1.3: Conceptual Framework of the Study

Mathematical equations must be written by employing the equation editor in **MS WORD** and be numbered using Arabic numerals. Equation numbers must be written at the end of the equation and linked to the chapter number. For example, the numbers (Equation / Eq. 1.1) and (Equation / Eq. 1.2) are given to the third and fourth equations respectively that appear in Chapter 1, as follows:

$$f(x) = a_0 + \sum_{n=1}^{\infty} \left(a_n \cos \frac{n\pi x}{L} + b_n \sin \frac{n\pi x}{L} \right) \quad (\text{Equation / Eq. 1.1})$$

$$\cos \alpha + \cos \beta = 2 \cos \frac{1}{2}(\alpha + \beta) \cos \frac{1}{2}(\alpha - \beta) \quad (\text{Equation / Eq. 1.1})$$

REFERENCES (APA)

- Grady, J. S., Her, M., Moreno, G., Perez, C., & Yelinek, J. (2019). Emotions in storybooks: A comparison of storybooks that represent ethnic and racial groups in the United States. *Psychology of Popular Media Culture*, 8(3), 207–217. <https://doi.org/10.1037/ppm0000185>
- Jerrentrup, A., Mueller, T., Glowalla, U., Herder, M., Henrichs, N., Neubauer, A., & Schaefer, J. R. (2018). Teaching medicine with the help of “Dr. House.” *PLoS ONE*, 13(3), Article e0193972. <https://doi.org/10.1371/journal.pone.0193972>
- Sanchiz, M., Chevalier, A., & Amadiou, F. (2017). How do older and young adults start searching for information? Impact of age, domain knowledge and problem complexity on the different steps of information searching. *Computers in Human Behavior*, 72, 67–78. <https://doi.org/10.1016/j.chb.2017.02.038>

APPENDIX A