Appendix

Appendix A: Cover Letter and Questionnaires

Confidential
& Restricted

UNIVERSITI MALAYA
FACULTY OF BUSINESS & ACCOUNTANCY
MASTER OF BUSINESS ADMINISTRATION

Wimax Adoption among Working Adults in Klang Valley

Dear Ladies & Gentlemen,

This is purely an academic research to study the adoption of WiMax among working adults in Klang Valley.

There is no right or wrong answer, but it is your honest and frank opinion that matters. Your response will be treated with **utmost confidentiality** and no names of individual shall be revealed. The information collected will be **used for my research purpose only.**

We would like to seek your kind assistance and valuable time in completing the attached questionnaire and return it directly to me through email or by hand. Thank you in advance for your time spent in completing this questionnaire. Should you have any queries, please do not hesitate to contact me at:-

012 – 601 6339 (CK)
chinkok.ng@gmail.com

Scenarios			Strongly Disagree						Strongly Agree
Intention to adopt WiMAX									
1	Assuming I have access to WiMAX, I intend to adopt it.		1	2	3	4	5	6	7
2	Given that I have access to WiMAX, I predict that I would adopt it.		1	2	3	4	5	6	7
Perceived usefulness									
1	Use of WiMAX can decrease the time needed for my work/study/life tasks.		1	2	3	4	5	6	7
2	Use of WiMAX can significantly increase the quality or output of my life.		1	2	3	4	5	6	7
3	Use of WiMAX can increase the effectiveness of my performance.		1	2	3	4	5	6	7
4	Use of WiMAX can increase the quality of output for the same amount of effort.		1	2	3	4	5	6	7
5	Considering all tasks, the use of WiMAX could assist my work/study/life.		1	2	3	4	5	6	7
6	Overall, I find WiMAX useful in my daily life.		1	2	3	4	5	6	7
Perceived ease of Use									
1	My interaction with WiMAX is clear and understandable.		1	2	3	4	5	6	7
2	Interacting with WiMAX does not require a lot of my mental effort.		1	2	3	4	5	6	7
3	I find it easy to get WiMAX to do what I want it to do.		1	2	3	4	5	6	7
4	Overall, I find WiMAX easy to use.		1	2	3	4	5	6	7
Social Influences									
1	People around me who use WiMAX have more prestige than those who do not.		1	2	3	4	5	6	7
2	People who use WiMAX have a high profile.		1	2	3	4	5	6	7

3	Using WiMAX is considered a status symbol among my friends.		1	2	3	4	5	6	7
4	People who influence my behavior think that I should use WiMAX.		1	2	3	4	5	6	7
5	My friends think that I should use WiMAX.		1	2	3	4	5	6	7
Personal Innovativeness using Information Technology									
1	If I heard about a new information technology, I would look for ways to experiment with it.		1	2	3	4	5	6	7
2	Among my peers, I am usually the first to explore new information technologies.		1	2	3	4	5	6	7
3	I like to experiment with new information technologies.		1	2	3	4	5	6	7

Appendix B Normality Test

			Statistic	Std. Error
PU1	Mean		4.66	.125
	95% Confidence Interval for Mean	Lower Bound	4.41	
		Upper Bound	4.91	
	5% Trimmed Mean		4.71	
	Median		5.00	
	Variance		2.360	
	Std. Deviation		1.536	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	
	Skewness		-.436	.198
	Kurtosis		-.338	.394
PU2	Mean		4.78	.117
	95% Confidence Interval for Mean	Lower Bound	4.55	
		Upper Bound	5.01	
	5% Trimmed Mean		4.82	
	Median		5.00	
	Variance		2.052	
	Std. Deviation		1.432	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	
	Skewness		-.189	.198
	Kurtosis		-.818	.394
PU3	Mean		4.69	.113
	95% Confidence Interval for Mean	Lower Bound	4.46	
		Upper Bound	4.91	

	5% Trimmed Mean		4.72	
	Median		5.00	
	Variance		1.908	
	Std. Deviation		1.381	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	
	Skewness		-.333	.198
	Kurtosis		-.566	.394
PU4	Mean		4.80	.104
	95% Confidence Interval for Mean	Lower Bound	4.59	
		Upper Bound	5.01	
	5% Trimmed Mean		4.83	
	Median		5.00	
	Variance		1.624	
	Std. Deviation		1.274	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	
	Skewness		-.308	.198
	Kurtosis		-.373	.394
PU5	Mean		4.99	.108
	95% Confidence Interval for Mean	Lower Bound	4.77	
		Upper Bound	5.20	
	5% Trimmed Mean		5.01	
	Median		5.00	
	Variance		1.758	
	Std. Deviation		1.326	
	Minimum		1	
	Maximum		7	
	Range		6	

	Interquartile Range		2	
	Skewness		-.483	.198
	Kurtosis		-.293	.394
PU6	Mean		4.87	.108
	95% Confidence Interval for Mean	Lower Bound	4.66	
		Upper Bound	5.09	
	5% Trimmed Mean		4.93	
	Median		5.00	
	Variance		1.762	
	Std. Deviation		1.328	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	
	Skewness		-.514	.198
	Kurtosis		.273	.394
PEOU1	Mean		4.54	.108
	95% Confidence Interval for Mean	Lower Bound	4.33	
		Upper Bound	4.75	
	5% Trimmed Mean		4.61	
	Median		5.00	
	Variance		1.753	
	Std. Deviation		1.324	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		1	
	Skewness		-.685	.198
	Kurtosis		.548	.394
PEOU2	Mean		4.55	.097
	95% Confidence Interval for Mean	Lower Bound	4.35	
		Upper Bound	4.74	
	5% Trimmed Mean		4.60	

	Median		5.00	
	Variance		1.417	
	Std. Deviation		1.190	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		1	
	Skewness		-.535	.198
	Kurtosis		.064	.394
PEOU3	Mean		4.54	.105
	95% Confidence Interval for Mean	Lower Bound	4.33	
		Upper Bound	4.75	
	5% Trimmed Mean		4.61	
	Median		5.00	
	Variance		1.659	
	Std. Deviation		1.288	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	
	Skewness		-.634	.198
	Kurtosis		.196	.394
PEOU4	Mean		4.65	.101
	95% Confidence Interval for Mean	Lower Bound	4.45	
		Upper Bound	4.85	
	5% Trimmed Mean		4.70	
	Median		5.00	
	Variance		1.530	
	Std. Deviation		1.237	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	

	Skewness		-.541	.198
	Kurtosis		.456	.394
SI1	Mean		3.35	.106
	95% Confidence Interval for Mean	Lower Bound	3.14	
		Upper Bound	3.56	
	5% Trimmed Mean		3.33	
	Median		3.00	
	Variance		1.691	
	Std. Deviation		1.300	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		1	
	Skewness		.036	.198
	Kurtosis		-.076	.394
SI2	Mean		3.11	.113
	95% Confidence Interval for Mean	Lower Bound	2.89	
		Upper Bound	3.34	
	5% Trimmed Mean		3.06	
	Median		3.00	
	Variance		1.900	
	Std. Deviation		1.378	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	
	Skewness		.526	.198
	Kurtosis		.081	.394
SI3	Mean		2.91	.114
	95% Confidence Interval for Mean	Lower Bound	2.68	
		Upper Bound	3.13	
	5% Trimmed Mean		2.83	
	Median		3.00	

	Variance		1.964	
	Std. Deviation		1.402	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	
	Skewness		.598	.198
	Kurtosis		-.242	.394
SI4	Mean		2.88	.116
	95% Confidence Interval for Mean	Lower Bound	2.65	
		Upper Bound	3.11	
	5% Trimmed Mean		2.80	
	Median		3.00	
	Variance		2.026	
	Std. Deviation		1.423	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	
	Skewness		.568	.198
	Kurtosis		-.123	.394
SI5	Mean		2.99	.113
	95% Confidence Interval for Mean	Lower Bound	2.76	
		Upper Bound	3.21	
	5% Trimmed Mean		2.91	
	Median		3.00	
	Variance		1.906	
	Std. Deviation		1.381	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	
	Skewness		.583	.198

	Kurtosis		.093	.394
PITIT1	Mean		4.91	.100
	95% Confidence Interval for Mean	Lower Bound	4.71	
		Upper Bound	5.10	
	5% Trimmed Mean		4.93	
	Median		5.00	
	Variance		1.508	
	Std. Deviation		1.228	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		2	
	Skewness		-.415	.198
	Kurtosis		-.062	.394
PITIT2	Mean		4.33	.124
	95% Confidence Interval for Mean	Lower Bound	4.09	
		Upper Bound	4.58	
	5% Trimmed Mean		4.34	
	Median		4.00	
	Variance		2.304	
	Std. Deviation		1.518	
	Minimum		1	
	Maximum		7	
	Range		6	
	Interquartile Range		3	
	Skewness		-.185	.198
	Kurtosis		-.798	.394
PITIT3	Mean		4.80	.113
	95% Confidence Interval for Mean	Lower Bound	4.58	
		Upper Bound	5.02	
	5% Trimmed Mean		4.84	
	Median		5.00	
	Variance		1.919	

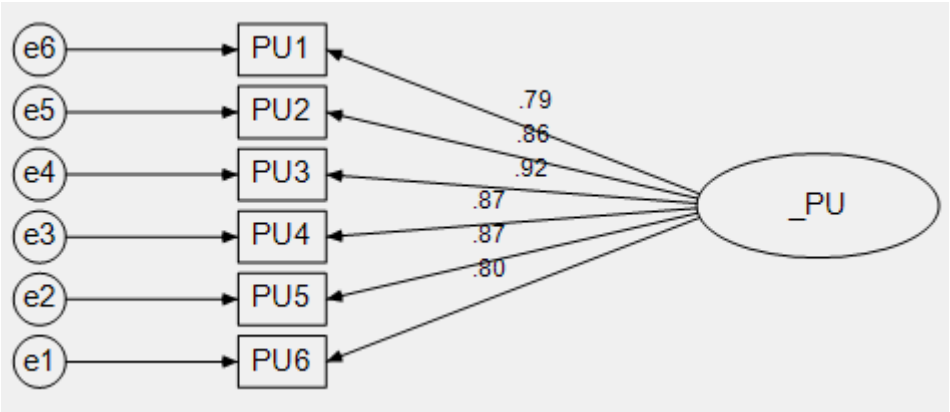
	Std. Deviation	1.385	
	Minimum	1	
	Maximum	7	
	Range	6	
	Interquartile Range	2	
	Skewness	-.371	.198
	Kurtosis	-.128	.394

Appendix C: Reliability Test

	Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
Intention to Adopt WiMAX	.938	.938	2
Perceived Ease of Use	.895	.895	4
Perceived Usefulness	.939	.940	6
Social Influences	.944	.944	5
Personal Innovativeness toward Information Technology	.871	.873	3

Appendix D: Confirmatory Factor Analysis

1. Perceived Usefulness



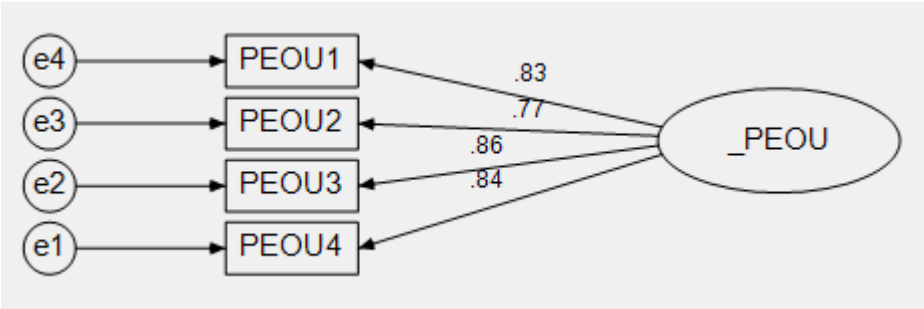
Regression Weights: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
PU6 <--- _PU	1.000				
PU5 <--- _PU	1.096	.087	12.543	***	
PU4 <--- _PU	1.050	.084	12.496	***	
PU3 <--- _PU	1.202	.089	13.506	***	
PU2 <--- _PU	1.162	.095	12.219	***	
PU1 <--- _PU	1.140	.106	10.801	***	

Standardized Regression Weights: (Group number 1 - Default model)

	Estimate
PU6 <--- _PU	.797
PU5 <--- _PU	.875
PU4 <--- _PU	.872
PU3 <--- _PU	.921
PU2 <--- _PU	.859
PU1 <--- _PU	.785

2. **Perceived Ease of Use**



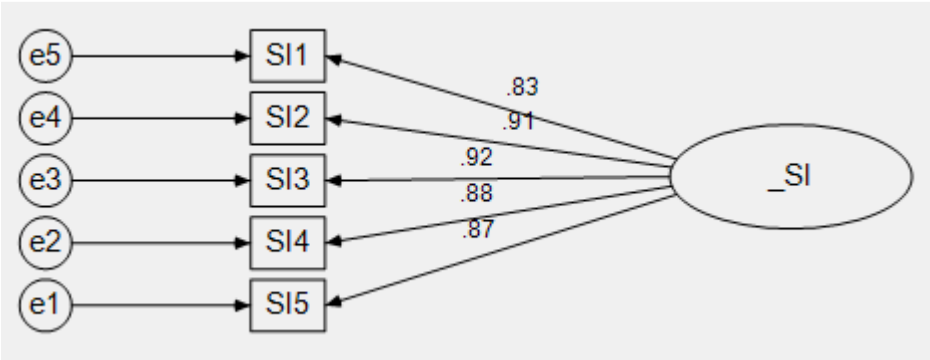
Regression Weights: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
PEOU4 <--- _PEOU	1.000				
PEOU3 <--- _PEOU	1.063	.086	12.389	***	
PEOU2 <--- _PEOU	.875	.083	10.586	***	
PEOU1 <--- _PEOU	1.057	.089	11.869	***	

Standardized Regression Weights: (Group number 1 - Default model)

	Estimate
PEOU4 <--- _PEOU	.842
PEOU3 <--- _PEOU	.860
PEOU2 <--- _PEOU	.766
PEOU1 <--- _PEOU	.831

3. **Social Influences**



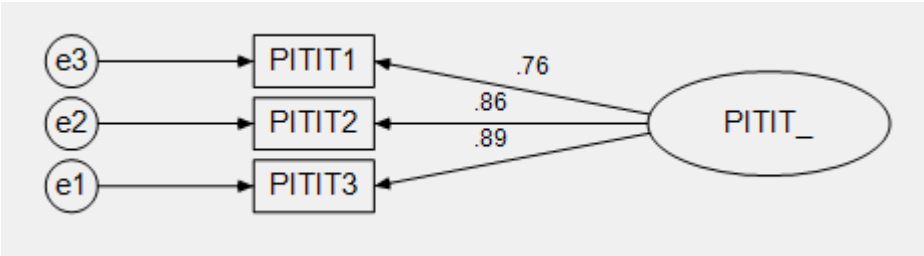
Regression Weights: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
SI5 <--- _SI	1.000				
SI4 <--- _SI	1.046	.071	14.766	***	
SI3 <--- _SI	1.075	.067	16.095	***	
SI2 <--- _SI	1.046	.066	15.742	***	
SI1 <--- _SI	.899	.068	13.177	***	

Standardized Regression Weights: (Group number 1 - Default model)

	Estimate
SI5 <--- _SI	.866
SI4 <--- _SI	.878
SI3 <--- _SI	.917
SI2 <--- _SI	.907
SI1 <--- _SI	.827

4. **Personal Innovativeness toward Information Technology**



Regression Weights: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
PITIT3 <--- PITIT_	1.000				
PITIT2 <--- PITIT_	1.067	.090	11.813	***	
PITIT1 <--- PITIT_	.757	.072	10.460	***	

Standardized Regression Weights: (Group number 1 - Default model)

	Estimate
PITIT3 <--- PITIT_	.887
PITIT2 <--- PITIT_	.864
PITIT1 <--- PITIT_	.757

Appendix D Path Analysis and Hypothesis test

Regression Weights: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label
PEOU	<---	SI	.399	.064	6.277	***	
PEOU	<---	PITIT	.093	.064	1.442	.149	
PU	<---	PEOU	.560	.078	7.204	***	
PU	<---	PITIT	.145	.061	2.357	.018	
PU	<---	SI	.167	.068	2.464	.014	
InToAdp	<---	PU	.528	.087	6.070	***	
InToAdp	<---	PEOU	.420	.096	4.383	***	
InToAdp	<---	PITIT	.103	.066	1.554	.120	
InToAdp	<---	SI	.108	.073	1.472	.141	

Standardized Regression Weights: (Group number 1 - Default model)

			Estimate
PEOU	<---	SI	.455
PEOU	<---	PITIT	.104
PU	<---	PEOU	.512
PU	<---	PITIT	.149
PU	<---	SI	.174
InToAdp	<---	PU	.434
InToAdp	<---	PEOU	.316
InToAdp	<---	PITIT	.087
InToAdp	<---	SI	.093

Appendix E Model Fit Summary

CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	14	2.851	1	.091	2.851
Saturated model	15	.000	0		
Independence model	5	246.671	10	.000	24.667

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	.073	.992	.887	.066
Saturated model	.000	1.000		
Independence model	.583	.552	.328	.368

Baseline Comparisons

Model	NFI Delta1	RFI rho1	IFI Delta2	TLI rho2	CFI
Default model	.988	.884	.992	.922	.992
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	.100	.099	.099
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

NCP

Model	NCP	LO 90	HI 90
Default model	1.851	.000	11.112
Saturated model	.000	.000	.000
Independence model	236.671	189.189	291.581

FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	.019	.012	.000	.075
Saturated model	.000	.000	.000	.000
Independence model	1.656	1.588	1.270	1.957

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.111	.000	.273	.151
Independence model	.399	.356	.442	.000

AIC

Model	AIC	BCC	BIC	CAIC
Default model	30.851	32.026	73.000	87.000
Saturated model	30.000	31.259	75.160	90.160
Independence model	256.671	257.091	271.725	276.725

ECVI

Model	ECVI	LO 90	HI 90	MECVI
Default model	.207	.195	.269	.215
Saturated model	.201	.201	.201	.210
Independence model	1.723	1.404	2.091	1.725

HOELTER

Model	HOELTER .05	HOELTER .01
Default model	201	347
Independence model	12	15