Comparative Study of SPI SuccessFactors in Global and In-house Environment for Large Scale Software Companies

I am a student of MS Software Engineering at COMSATS University Islamabad and conducting research for my MS thesis. For the large scale software development companies, we have identified common success factors of Software process improvement (SPI)* in case of Global Software development (GSD)** and In-house*** software development from the literature and survey. The success factors are given below along with Likert scale. Please spare some time to rate the SPI success factorsaccording to their importance in two different scenarios. Please do compare the successfactor that is more important in GSD or in In-house

*Software Process Improvement methodology is defined as a sequence of tasks, tools, and techniques to plan and implement improvement activities to achieve specific goals such as increasing development speed, achieving higher product quality or reducing costs. **When the distribution of the members of a distributed software development teamexceeds the frontiers of a country.

***In-house refers to an activity or operation that is performed within a company, instead of relying on outsourcing. The firm uses its own employees and resources to develop a software.

javedkhushi2@gmail.com (not shared) Switch account

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Email *

* Required

Your answer

Position/Job title: *

Your answer

Experience in years *

Your answer

Company's country in which it is located: *

Your answer

What is primary business function of your company (You can select both as well) *

GSD

Inhouse

Section-II

SPI Leadership

SPI Leadership in G	SD *					
	1	2	3	4	5	
less important	0	0	0	0	0	more important
SPI Leadership in in	house *					
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Project managemer	nt					
Project manageme	nt in GSD) *				
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Project managemer	nt in inho	use *				
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Communication						
Communication in (GSD *					
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Communication in	inhouse '	*				
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Teamwork						
Teamwork in GSD *						
	1	2	3	4	5	
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less important	0	0	0	0	\cup	more important

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Allocation of resources in inhouse *		1	2	3	4	5		
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	Allocation of resour	ces in inh	nouse*					
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	less important	0	0	0	0	0	more important	



SPI consultancy in (GSD *					
	1	2	3	4	5	
less important	0	0	0	0	0	more important
PI consultancy in ir	nhouse *					
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Staff involvement						
Staff involvement in	GSD *					
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Staff involvement ir	n inhouse	*				
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Senior management	commiti	ment and	d suppor	t		
Senior management	commitr	nent and	l support	in GSD	*	
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Senior management	commitr	nent and	l support	: in inhou	use *	
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less important	0	\bigcirc	\bigcirc	\bigcirc	\bigcirc	more important

Organizational infras	structure	in GSD *				
	1	2	3	4	5	
less important	0	0	0	0	0	more important
	-	-	-	-	-	more important
Organizational infras	structure	in inhous	se *			
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Customer involvem	ent/ clier	it suppo	rt			
Customer involveme	ent/ clien	t suppor	t in GSD	*		
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Customer involveme	nt/ client	support	in inhou	ıse *		
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Motivation						
Motivation in GSD *						
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Motivation in inhous	e *					
	1	2	3	4	5	
less important	0	0	0	0	0	more important
Training						
Training in GSD *						
	1	2	3	4	5	
less important	0	\bigcirc	\cup	\bigcirc	\cup	more important

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Training in inhouse *									
	1	2	3	4	5				
less important	0	0	0	0	0	more important			
	-	-	-	-		more important			
Reward Schemes									
Reward Schemes in	GSD*								
	1	2	3	4	5				
less important	0	0	0	0	0	more important			
Reward Schemes in	inhouse	*							
	1	2	3	4	5				
less important	0	0	0	0	0	more important			
On time delivery									
On time delivery in C	On time delivery in GSD *								
	1	2	3	4	5				
less important	0	0	0	0	0	more important			
On time delivery in ir	nhouse *								
	1	2	3	4	5				
less important	0	0	0	0	0	more important			
Easy to understand documentation.									
Easy to understand documentation in GSD *									
	1	2	3	4	5				
less important	0	0	0	0	0	more important			
Easy to understand documentation in inhouse *									
	1	2	3	4	5				

less important O O O O more important

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