



THE EVALUATION OF COMPETENCIES DEVELOPMENT AMONG FUTURE PROJECT MANAGER IN UMP

LUM YEE CIAN (PB 13034)

BACHELOR OF PROJECT MANAGEMENT WITH HONORS
FACULTY OF INDUSTRIAL MANAGEMENT, UNIVERSITI MALAYSIA PAHANG



ABSTRACT

This research is about the competencies development towards competencies skills of future project manager among students in UMP. The purpose of this study is to explore competencies development among future project manager. Specifically, this study examines the utility of two competencies development training; competence-based learning (CBL) and project-based learning (PBL) with 2 dependent variables (Hard and Soft Competencies Skills) Results are obtained from students who take academic program that related to Project Management (Bachelor Project Management with honours and Bachelor in Civil Engineering with Honours) in UMP. Several hypothesis are proved that CBL are influenced both of hard and soft skills; while PBL only influenced soft skill.

INTRODUCTION

Understanding the project manager competency model in career development is critical in designing high ratio of the project successfully. Competencies Development is explore several training and activities that being exposed to the students in developing the required competencies as a project manager.

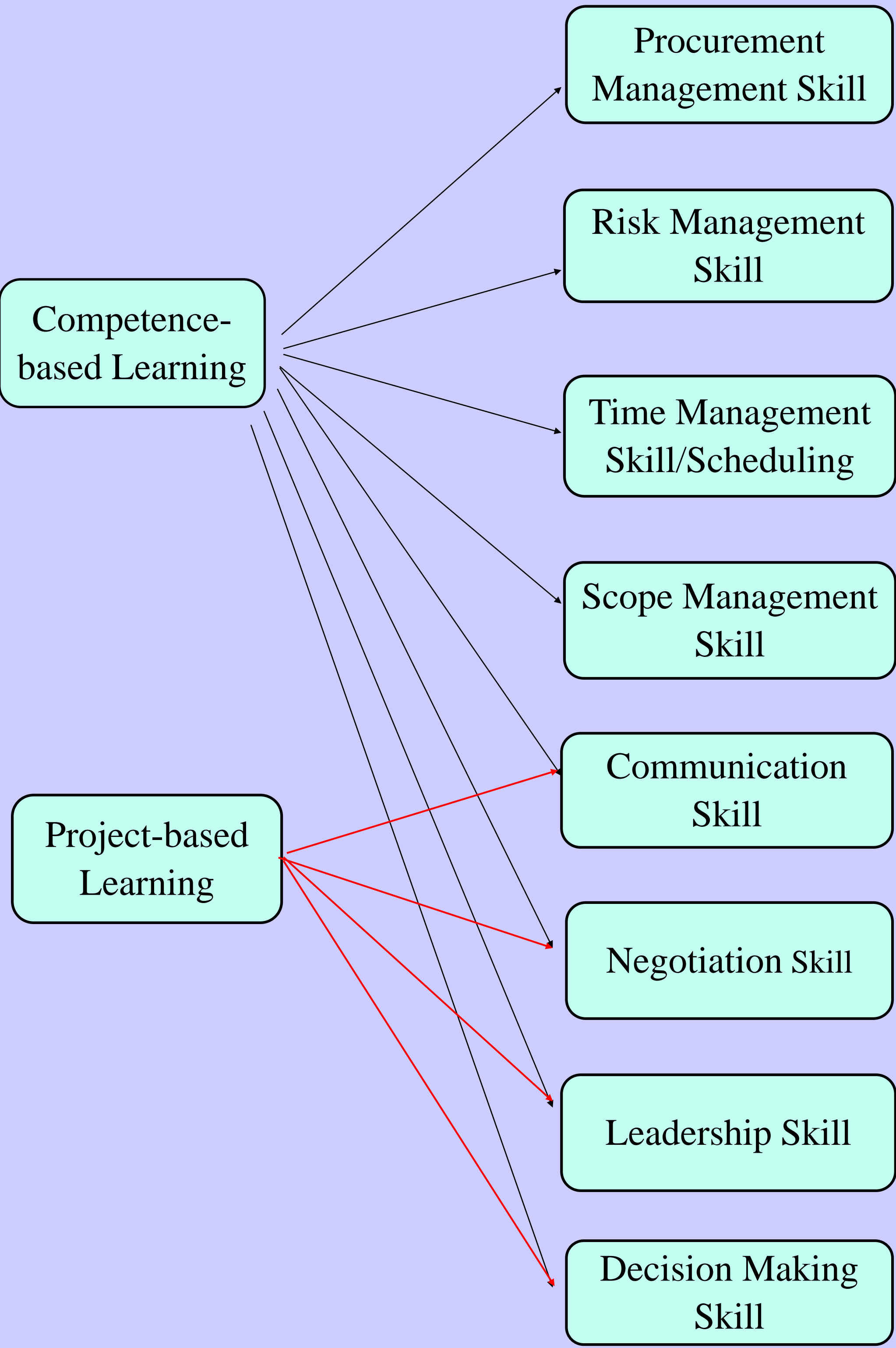
OBJECTIVE/S

- To identify the required hard and soft competencies skills for project manager.
- To analyse the level of project manager competencies possessed by potential future Project Manager among UMP students.
- To identify the current activities in UMP which develop Project Manager Competencies among students.

METHODS

- Questionnaires
- Google Drive
- SPSS Software

CONCEPTUAL FRAMEWORK



RESULTS

1. Normality Test

Variables	Mean	Standard Deviation	Skewness z-value	Kurtosis
Procurement Management Skill	4.42	0.785	-1.175	0.575
Risk Management Skill	4.63	0.547	-1.166	0.394
Time Management or Scheduling Skill	4.74	0.509	-1.854	2.686
Scope Management Skill	4.45	0.759	-1.432	1.828
Communication Skill	4.67	0.614	-1.964	3.945
Negotiation Skill	4.39	0.738	-1.260	1.735
Leadership Skill	4.70	0.527	-1.544	1.526
Decision Making Skill	4.53	0.601	-0.875	-0.202
Competence-Based Learning	4.66	0.452	-1.753	3.995
Project-Based Learning	4.48	0.431	-0.392	-0.684

2. Summary about the correlation matrix of all variables:

		Procurement Management Skill	Risk Management Skill	Time Management Skill/ Scheduling Skill	Scope Management Skill
Competence-Based Learning(CBL)	Pearson Correlation	.775**	.721**	.853**	.740**
	Sig. (2-tailed)	.000	.000	.000	.000
	N	93	93	93	93
Project-Based Learning (PBL)	Pearson Correlation	.032	.322**	.302**	.047
	Sig. (2-tailed)	.759	.002	.003	.656
	N	93	93	93	93

		Communication Skill	Negotiation Skill	Leadership Skill	Decision Making Skill
Competence-Based Learning(CBL)	Pearson Correlation	.657**	.758**	.724**	.747**
	Sig. (2-tailed)	.000	.000	.000	.000
	N	93	93	93	93
Project-Based Learning (PBL)	Pearson Correlation	.913**	.804**	.851**	.830**
	Sig. (2-tailed)	.000	.000	.000	.000
	N	93	93	93	93

3. Hypothesis of the research

	Hypothesis	Result
H1	The competence-based learning will significantly influence procurement management skills	Supported
H2	The competence-based learning will significantly influence risk management skills	Supported
H3	The competence-based learning will significantly influence time management or scheduling skills	Supported
H4	The competence-based learning will significantly influence scope management skills	Supported
H5	The competence-based learning will significantly influence communication skills	Supported
H6	The competence-based learning will significantly influence negotiation skills	Supported
H7	The competence-based learning will significantly influence leadership skills	Supported
H8	The competence-based learning will significantly influence decision- making skills	Supported
H9	The project-based learning will significantly influence communication skills	Supported
H10	The project-based learning will significantly influence negotiation skills	Supported
H11	The project-based learning will significantly influence leadership skills	Supported
H12	The project-based learning will significantly influence decision-making skills	Supported

CONCLUSIONS AND RECOMMENDATION

This research objectives is to prove the effects of competence-based learning and project-based learning towards hard and soft competencies skills of project manager among students. Moreover, it also measure either there is a significance relationship between both variables. According to the data analysis, competence-based learning (CBL) is effective for both hard and soft skills; whereas project-based learning (PBL) is only better for soft skill. The study is important for students who will be future project manager. Therefore, competencies training and activities would help them more understand and improve their skills. Moreover, this study help them when using competency model in the career development.