A Study on the Tact Management Using a Daily Report Information

*** . **** Kim, Sun-Kuk · Na, Kwang-Soo · Kim, Tea-Hui · Yu, Jung-Ho · Lee, Hyun-Soo · Kim, Chang-Duk

가 가 IT (Web) 가

1. 1.1

가 가

가 가

가 2003) 2003) 가

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2)		2.3
3)	,	
2.		(E-mail) FTP(File Transfer Protocol)가 TITS (Total Information Transfer
2.1		System)
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•	, / , 가	.(Z.M.Deng et.al 2001) 가
	1.	, .(Mireille G. Battikha 2002)
	• / , • output	
	• , • 71	

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		1	2001											가
		2	2003	,										
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가 1997) 2. С 가 가 3.3 가/ 가 가 (bar-chart) CAD 가 가 .(1998) 가 <u>가</u> 가 1. C 가 3.2 가 가 가 가 가 가 , 3.4 가 , 가 가 2 1) (Worker Information System: WIS) 가

가 가 가 ²⁾(code) 3 가 , e-CONCERT DB 5 DB 송역 DB 근로자 05 임제점보 08 平台王 DB 작업정보 08 **设置 DB** 3. 작업무위 08 4. 작업공간 06 5. DB DB 4.1 가 4.2 4 (level) (code) 6 Project 기본정보 일찍 - 근로자 이작권의 시스템과 연계 가 근로자 이력관인 시스템과 연계 📗 근로자 이력공업시스템과 연계 작업부위 및 내용 압력 Flow 참고 작업실적 업력 Flow 참고 누적보고사 송력 누작보고사 출력 화면 참고 4,6절 문석보고서 참고 2) 작업문료 4.

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DB

4.3

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8.

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L+무덤만원

6.



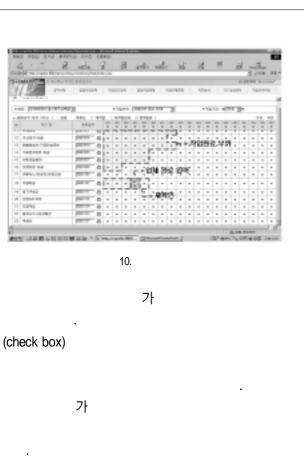
홈페이지 감속 작업부위 06 작업 운로

10

가

가

9.



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4.5

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4.6 ' ',' ',' ',' i k
7†
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 $= \frac{\sum_{d=x}^{\infty} A M_{i,k,d}}{(y-x+1-NWD_4)} \times 1.25$

k가 AMi,k,d: (Boolean) d 1 0 가 가 NDW4: x~y 1 가 가 가 80% 1.25가 0 가 가

5.

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					pp16	4~173		
(3)					6.	(2002),	
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					7.	(1996),		
(4)							,	12 12 ,
					pp25	53~264		
					8.	(2001),		
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					pp12	23~130		
					9.	(2003),		,
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					10.	(2002),		,
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					11.	(2002),		
1. (200	13),				,		22 2 , pp)499~502
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pp.66~73						18	12 , pp125~132	
2. (200	03),				13.	(2001),		
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pp161~168					14.	(1997),		
3.	(2002),					,	13 1 , pp2	:13~221
					15.	(1998),		
4. Z.M.Deng	et.al (2001)	, An a	pplicati	on of the				
Internet - b	ased projec	t mana	agemen	it system,	16.	(2	2003),	
AUTOMATIC	N IN CONST	RUCTIO	N. pp23	9~246				

Abstract

Recent construction projects, characterized by its complication and high-tech, requires highly efficient management efforts. Among others, labor management is very important due to various trades and increasing number of activities. Along with advanced information technology, Web-based construction site management systems are widely adopted in order to improve the efficiency of construction management. However, such information systems have mainly 2 (two) shortcomings. One is that the existing systems were developed and implemented not in subcontractor-centered way but in main contractor-centered way, though the daily construction information is mainly generated, gathered and reported by subcontractors. As a result, subcontractors seldom have access to such information systems. The other is that loss or omission of information may occur during the information processing process, in which subcontractors have no direct access to such information system. This becomes a major reason of losing the reliability of the information in daily construction report. As a solution for these problems, this paper suggests a Web-based information system that is subcontractor-oriented and also suitable for tact schedule management.

Keywords: Framework, Materials Take-off, Algorithm