

1.2

1

2.2

가

LOB(Line of Balance),

가

가

1)

2002)

.(2003,

2)

2.3

3)

2.

(E-mail) FTP(File Transfer Protocol)가 TITS (Total Information Transfer

2.1

System)

가

1.

Battikha 2002)

가

.(Mireille G.

가

2.4

가
가

	<ul style="list-style-type: none"> • / • output
	•
	•
	•
	•
	•
	•

가 .(1997)
 C 1
 가
 가/



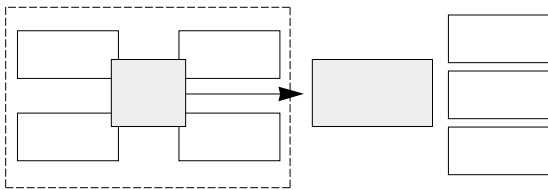
2.

가 3.3

가
 4

(bar-chart) CAD
 가 ,
 가

.(1998)



1. C

3.2

가

1)

가 ,

가 ,

가 2

1) (Worker Information System: WIS)

4.

	<ul style="list-style-type: none"> 가 가 가
	<ul style="list-style-type: none"> 가 가 가
	<ul style="list-style-type: none"> 가 가 가
	<ul style="list-style-type: none"> 가 가 가
	()

3.4

가

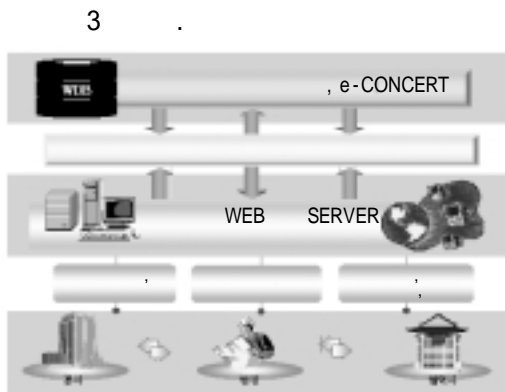
가

가

가

가

²⁾(code)



가

DB 5

DB



3.

5. DB

4.

4.1

DB

4.2

가

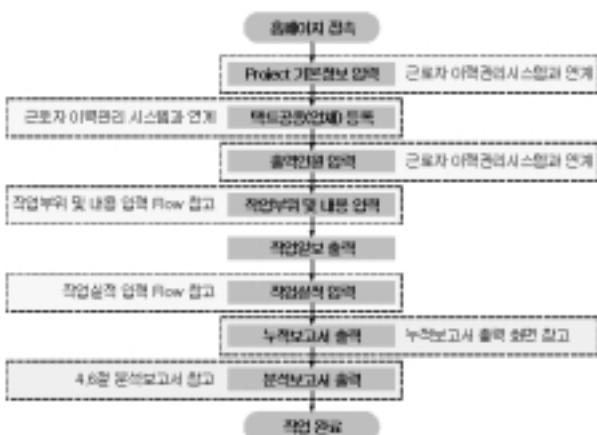
4

(level)

(code)

6

가



2)

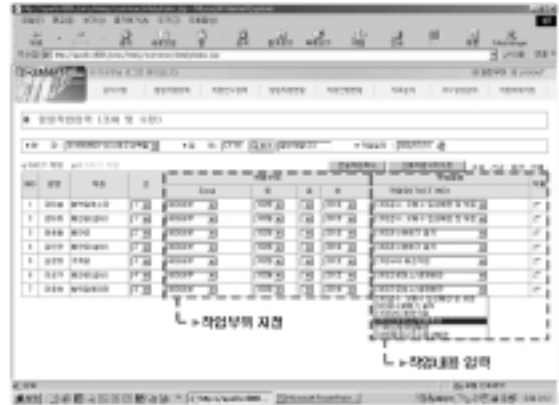
가

가

4.3

7

가



8.

4.4

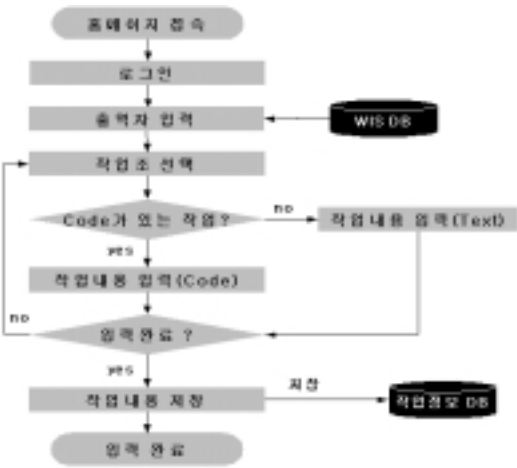
9

DB



6.

DB



7.



9.

10

8

가

가

가

- 가,
- 가 가
- (3)
- (4)
- 가
- 가
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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